Volume:
1999
Fall Semester
1st Edition

UNIVERSITY OF MARYLAND

fall 1999

Schedule of Classes

first edition

UPUB
SI. 001

UNIVERSITY BOOK CENTER
STAMP STUDENT UNION
301-314-BOOK
www.ubc.umd.edu/html-textbooks_searchbooks.html

www.testudo.umd.edu

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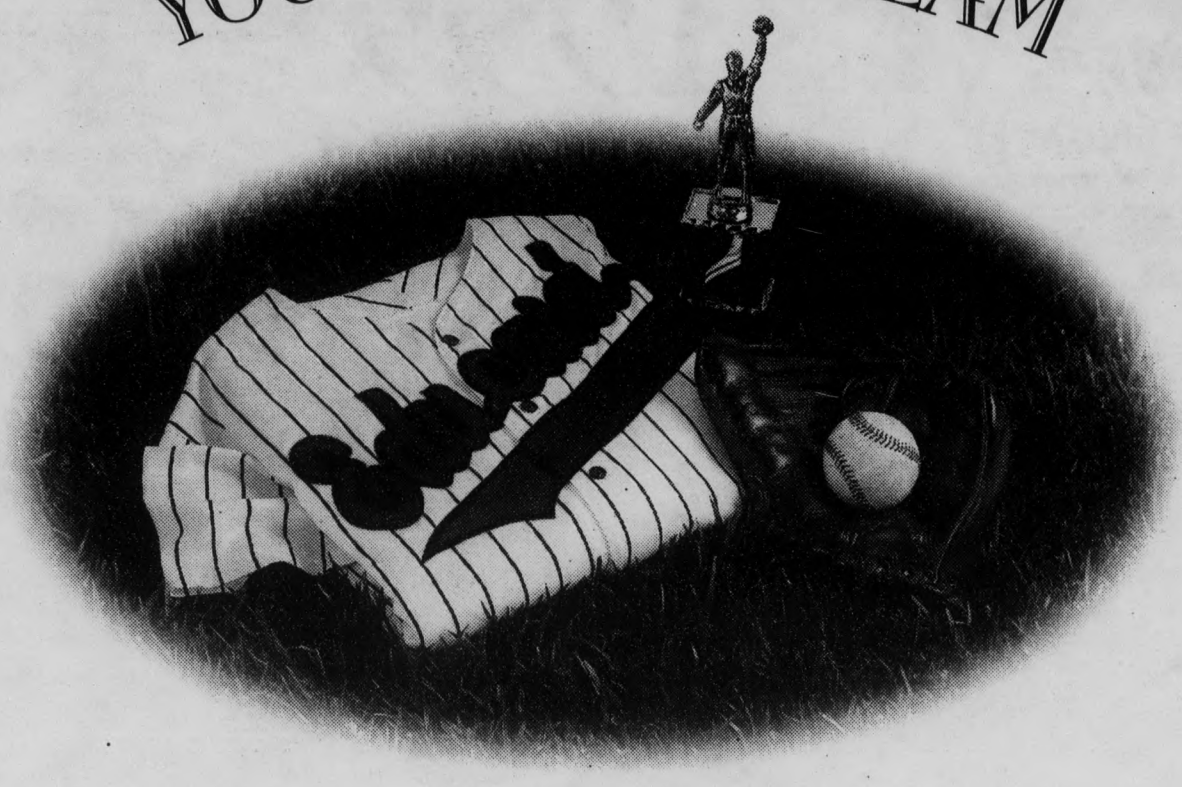

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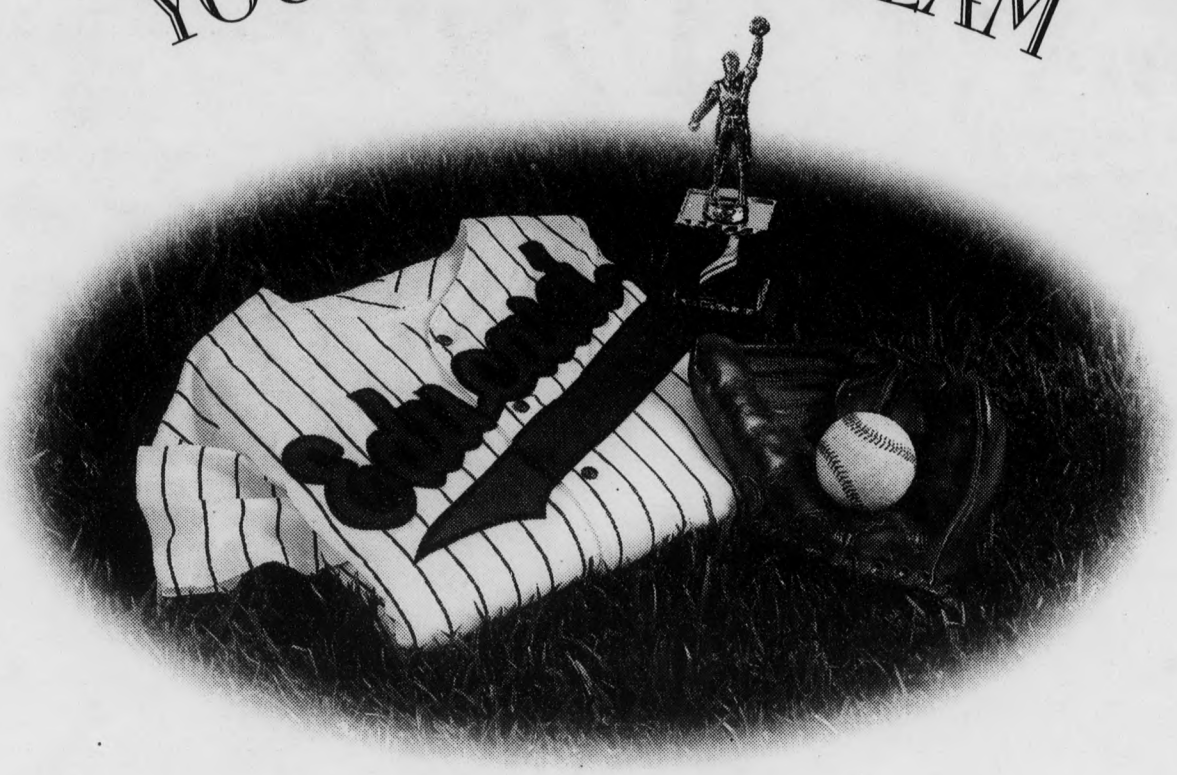

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MARS - Maryland Automated Registration System:
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- ***Testudo Interactive Student services on the web: www. testudo.umd.edu***
- ***MARS - the Maryland Automated Registration System - 301-403-0500***
- ***Walk-In Appointments in room 1101, Mitchell Building (301-314-8240)***

STEP 1: REVIEW YOUR EARLY REGISTRATION POST CARD:

Invitation post cards include appointment time, advising requirements and registration blocks if any, and your advising location. At your advising location you can pick-up a letter that provides more details about your early registration requirements.

If you did not receive a post card, call the Registrar's Office at 301-314-8240. Note that May Degree Candidates will not receive an appointment post card. Any degree candidates that wish to register for the Fall 1999 semester can call 301-314-8240 to request an appointment.

STEP 2: CHECK APPOINTMENT STATUS AND REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be clear before registering.

If calling MARS (301-403-0500) select 1 for registration Activities, then 6 for Registration and Appointment Status.

MESSAGE BOARD

Find out your Spring 1999 grades faster – use Testudo, MARS, or a Kiosk. Just use your student number and PIN, and as soon as your grades are processed, they will be available electronically. Data is updated daily. Note – grade reports are not mailed any longer, but if you would like to request a copy be sent use Testudo or call MARS. Official Transcripts are always available free of charge. See page 23, Transcript Services, for details.

MARS Kiosks are located at the Mitchell Bldg., Ellicott Dining Hall, the Stamp Union and Van Munching Hall and are open daily from 7:30 a.m. to 11:00 p.m. Select Registration Blocks Option.

STEP 3: MAKE ADVISING APPOINTMENT AND RESOLVE ANY BLOCKS:

Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements. (Check appointment status - see step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 37. Advising blocks must be cleared before registering.

Registration Blocks - If you have any registration blocks they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required course in lieu of requesting a waiver must register in person.

STEP 4: PLAN YOUR SCHEDULE

There are several tools available for planning your schedule and checking oncourse availability. Use the course listings beginning on page 42 and the other resources listed below to plan your Fall schedule.

- **VENUS** - an easy-to-use, but powerful course scheduler on the web. Access VENUS through ww.testudo.umd.edu and select Records and Registrations.
- **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.
- **Schedule of Classes** on the web for up-to-the-minute course and waitlist data. www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.
- **SEATS** - another course planning tool that can be accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs, or dial in remotely using telnet seats.umd.edu.

Select alternative courses and sections. Read course listing carefully and pay special attention to note lines associated with each course for prerequisites and restrictions.

STEP 5: OBTAIN SPECIAL PERMISSIONS

Some courses may have specific requirements, prerequisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission, you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering.

Actions requiring College approval - Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course after obtaining any special permission.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits prior to September 1, 1999; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to September 1, 1999 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restrictions: Students with over 90 cumulative credits are restricted to registering for only one CORE course until September 1, 1999. Any exceptions require college approval. Check pages 28-30 to determine the CORE status of a course.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time Conflicts: Time conflicts are not permitted. All exceptions require college approval.

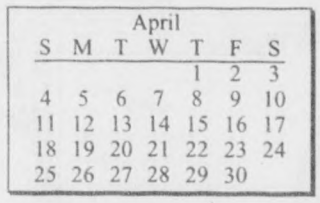
Pass/Fail Grading Method: See page 40 for pass-fail option requirements for undergraduate students.

Re-Registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Continued on page 6

INTENTIONAL SECOND EXPOSURE

4 INTRODUCTION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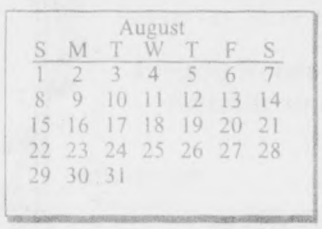
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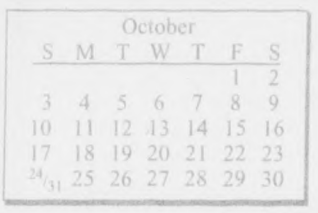
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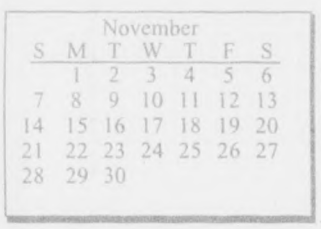
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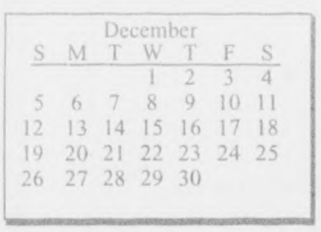
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- ***Walk-In Appointments** in room 1101, Mitchell Building (301-314-8240)*

STEP 1: REVIEW YOUR EARLY REGISTRATION POST CARD:

Invitation post cards include appointment time, advising requirements and registration blocks if any, and your advising location. At your advising location you can pick-up a letter that provides more details about your early registration requirements.

If you did not receive a post card, call the Registrar's Office at 301-314-8240. Note that May Degree Candidates will not receive an appointment post card. Any degree candidates that wish to register for the Fall 1999 semester can call 301-314-8240 to request an appointment.

STEP 2: CHECK APPOINTMENT STATUS AND REGISTRATION BLOCKS:

Use MARS, Testudo (www.testudo.umd.edu) or a MARS Kiosk to find out if you have any advising requirements or outstanding financial or academic blocks. Note - all blocks must be clear before registering.

If calling MARS (301-403-0500) select 1 for registration Activities, then 6 for Registration and Appointment Status.

MESSAGE BOARD

Find out your Spring 1999 grades faster – use Testudo, MARS, or a Kiosk. Just use your student number and PIN, and as soon as your grades are processed, they will be available electronically. Data is updated daily. Note – grade reports are not mailed any longer, but if you would like to request a copy be sent use Testudo or call MARS. Official Transcripts are always available free of charge. See page 23, Transcript Services, for details.

MARS Kiosks are located at the Mitchell Bldg., Ellicott Dining Hall, the Stamp Union and Van Munching Hall and are open daily from 7:30 a.m. to 11:00 p.m. Select Registration Blocks Option.

STEP 3: MAKE ADVISING APPOINTMENT AND RESOLVE ANY BLOCKS:

Advising is required for some students, and highly recommended for all students. Advising is mandatory prior to registering for students in certain majors, students on academic warning or dismissal, student athletes, IED students, IA students and students who still need to fulfill fundamental studies requirements. (Check appointment status - see step 2). Set up an appointment to see an advisor as soon as possible. A list of advisors begins on page 37. Advising blocks must be cleared before registering.

Registration Blocks - If you have any registration blocks they must be resolved before your registration appointment. Students owing money to the University are not eligible to register until they clear their accounts. Contact the Office of the Bursar, Room 1135 Lee Building, 301-405-9041.

Fundamental Studies Blocks: Students who have completed 30 credits, but not yet satisfied the Fundamental Math and English requirements should contact their college office to discuss a temporary extension. Students registering for the required course in lieu of requesting a waiver must register in person.

STEP 4: PLAN YOUR SCHEDULE

There are several tools available for planning your schedule and checking oncourse availability. Use the course listings beginning on page 42 and the other resources listed below to plan your Fall schedule.

- **VENUS** - an easy-to-use, but powerful course scheduler on the web. Access VENUS through ww.testudo.umd.edu and select Records and Registrations.
- **MARS Section Status** - call MARS at 301-403-0500, select registration activities, then section status.
- **Schedule of Classes** on the web for up-to-the-minute course and waitlist data. www.testudo.umd.edu. Select Records and Registration, Schedule of Classes, then semester.
- **SEATS** - another course planning tool that can be accessed through the campus network - UMDNET. Select SEATS from the menu options at any campus WAM labs, or dial in remotely using telnet seats.umd.edu.

Select alternative courses and sections. Read course listing carefully and pay special attention to note lines associated with each course for prerequisites and restrictions.

STEP 5: OBTAIN SPECIAL PERMISSIONS

Some courses may have specific requirements, prerequisites or require special permission. All special permission and advising requirements must be met before registering. Colleges and departments can use the electronic Stamp (see next page) to grant special permissions electronically, however, after receiving permission, you must still process a registration for the course either by calling MARS, using Testudo, or in-person.

Course restrictions - are listed with the individual course listing (in this Schedule of Classes and on Testudo). Some courses are open to majors only, others have GPA or cumulative credit requirements. Courses with Perm Req to the left of the course listing require permission from the department offering the course prior to registering.

Actions requiring College approval - Exceptions to any of the restrictions listed below require college approval prior to registering. Remember to register for the course after obtaining any special permission.

Maximum Credit Limit: Undergraduate students are generally limited to registering for 16 credits prior to September 1, 1999; students can then register for a maximum of 19 credits. Requests to register for over 16 credits prior to September 1, 1999 require special permission. Permission to take over 19 credits always requires college approval.

CORE Restrictions: Students with over 90 cumulative credits are restricted to registering for only one CORE course until September 1, 1999. Any exceptions require college approval. Check pages 28-30 to determine the CORE status of a course.

Graduate Level Courses: Undergraduates requesting graduate level courses (those numbered 500 and above) require college approval.

Time Conflicts: Time conflicts are not permitted. All exceptions require college approval.

Pass/Fail Grading Method: See page 40 for pass-fail option requirements for undergraduate students.

Re-Registering for the same course: Students are limited to the number of times they can register for a course. NO MORE THAN TWO REGISTRATIONS are permitted for any one course. Each time a course is dropped with a mark of "W" it will be counted as a registration.

Continued on page 6

6 REGISTRATION

Electronic Stamp:
The Electronic Stamp was developed to allow offices to grant special permissions and approvals via computer. Once the permission is entered, the permission or block is lifted, allowing the student to register. Colleges, departments, and the Registrar's Office have access to the electronic stamp. Electronic stamp permissions are valid whether registration is in-person, through MARS or Testudo, or at a MARS Kiosk. Note that after obtaining permission students must still process a registration for the course(s). For students registering in-person, special permissions can be granted on registration forms or through the electronic stamp process.

STEP 6 - COMPLETE REGISTRATION FORM & REGISTER AT YOUR APPOINTMENT TIME:

Prior to your appointment time make sure all special permissions and advising requirements have been met. Be prepared with alternate selections. After completing the steps above use one of the services below at the time of your scheduled appointment and anytime there after.

Testudo web site - www.testudo.umd.edu
Use the Records and Registration links for access to a variety of services for early registration, including dropping and adding classes, viewing your unofficial transcript, the Schedule of Classes, Venus course scheduler and more. Have course requests and alternate sections available.

MARS - The Maryland Automated Registration System - 301-403-0500
Registration by touch-tone phone, checking your appointment status, paying your tuition and applying for a campus parking permit are some of the early registration services on MARS. See pages 9 and 11 for MARS instructions and a MARS course worksheet. Call during MARS operating hours: Monday - Friday 7:30 a.m. to 11:00 p.m. and Sunday 5:00 p.m. to 11:00 p.m.

In-Person Appointments
Complete a Registration Form prior to registering at Student Services, Room 1101 Mitchell Bldg.., at your scheduled appointment time. Please be on time. If you are late, you may be asked to make another appointment.

STEP 7 - AFTER YOU REGISTER

Schedule of Classes: This publication contains additional information about registration, waitlists, deadlines, University services, academic requirements and more. Also use Testudo (www.testudo.umd.edu) for up-to -date course listings and general information and deadlines. Select Schedule of Classes and then the appropriate semester. The Fall 1999, Edition II Schedule of Classes will be available in mid August. Consult the Second Edition or Testudo for updated information.

Waitlists: If a course is closed when you register, the waitlist option may be offered. The information on page 10 details waitlist procedures.

Schedule Adjustment for Fall 1999 begins May 10, 1999. Use the Testudo, MARS or Kiosks during operating hours. Walk-in schedule adjustment is also available in Room 1101 Mitchell Building, Monday - Friday, 8:45 - 11:30 a.m.

Billing Information: Bills for tuition and fees will be mailed to students that registered August 6th and before for Fall courses. No bill is mailed for students who register after August 6,1999. All charges incurred after August 6th through September 10th are due on September 10th without exception. Call MARS (select Financial Information) check Testudo or Kiosks, or contact the Student Financial Services Center to verify the amount owed. Payment in full must be made by the dates below. See pages 16-18 for additional information.

If you registered:	**Payment in full is due:**
by July 9, 1999	August 6, 1999
between July 10, 1999 and August 6, 1999	September 3, 1999
after August 6, 1999	in person by September 10, 1999

ID Cards: Students needing photo ID and/or a Registration Card must be present proof of bill payment at the Registration Counter, first floor lobby, Mitchell Building, Monday - Friday 8:30-4:30.

Faculty/Staff Registration and Remission of Tuition

Faculty and staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1: **If necessary, contact the appropriate admissions office:**

Undergraduate Admissions	Ground floor Mitchell building	301-314-8385
Graduate Admissions	2nd floor Lee Building	301-405-4198
Non-degree seeking faculty	Contact Jeff Bowling 1101 Mitchell Bldg.	310-314-8239

Note: Registration is on a space available basis.

STEP 2: **Contact department representative responsible for processing Tuition Remission Forms. Complete the form and make sure they are fowarded to the Personnel Services Department, Room 1101 Chesapeake Building.**
Tuition Remission: Every semester an approved Tuition Remission form must be turned in to the College Park Personnel Services Department - Staff Benefits office in order to receive credit on the student bill for courses taken by the faculty and staff. The authorizing department will forward this form directly to Personnel Services. Check with your department to insure that the proper forms have been submitted before the deadlines below. Tuition remission benefits are administered in accordance with University Policy. If you have questions regarding tuition remission call the Staff Benefits Office at 301-405-5658.
Fall 1999 Tuition Remission Forms must be submitted by:
August 6, 1999 for students registering August 6, 1999 and earlier
August 31, 1999 for students registering August 6, 1999 and later
Note: All Forms Must Be Submitted and accounts settled in full by August 31, 1999

STEP 3: Follow appropriate Registration Procedures.
Undergraduate Students read page 5-6
Graduate Students read page 7-8
Contact the Registrar's Office at 301-314-8240 if you have any questions.

Teacher's Registration

Teachers who have previously been admitted to the University of Maryland as either graduate or undergraduates, and who are enrolled for Spring 1999 can register for Fall1999. Teachers not enrolled during Spring 1999 follow appropriate directions below.

Undergraduate Students - Apply for readmission at the Office of Undergraduate Admissions, ground floor, Mitchell Building 301-314-8382.

Graduate Students - Check with Graduate School Admissions, 301-405-4198, to determine eligibility. Graduate school offices are located on the 2nd floor of the Lee Building. 301-405-4198. Also see page 7 for Graduate registration procedures and deadlines.

Dropping Courses & Refund Information

Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged for courses by the credit hour. If the course is dropped the first day of classes and later, (September 1 and later), a percentage charge and/or complete charge for the course will be imposed.

1. August 31 or earlier (prior to the first day of classes) — 100% refund
   There will be no charge for courses dropped prior to this date.
2. September 1-8 (during the first five days of classes) — 80% refund
   There will be a 20% charge imposed for courses dropped during this period.
3. September 9 and after (anytime after the first five days of classes) — 0 % refund
   There will be no refund; students incur the full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from September 1-15): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal. *NOTE: COURSES TAKEN AT SHADY GROVE ARE NOT CONSIDERED IN EVEN EXCHANGE CALCULATIONS.*

After the first ten days of classes (September 16 and later): Even exchanges of dropped and added credits will not be accepted. **Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.**

GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

ALL GRADUATE STUDENTS ARE ENCOURAGED TO TAKE ADVANTAGE OF TESTUDO, MARS OR THE MAIL-IN REGISTRATION PROCEDURE. MAIL-IN REGISTRATION CONTINUES THROUGH AUGUST 6, 1999. EACH DEPARTMENT/ PROGRAM WILL CONTROL THE DISTRIBUTION OF MATERIALS FOR GRADUATE STUDENTS. CURRENTLY ENROLLED GRADUATE STUDENTS SHOULD HAVE RECEIVED A POSTCARD NOTIFYING THEM ABOUT REGISTRATION PROCEDURES.

NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

1. Complete bill payments at the Bursar's office, Room 1135 Lee Building, or call MARS at 301-403-0500 if paying by credit card.
2. Obtain a Financial Clearance from the Bursar's office.
3. Take the clearance to your department to pick up registration materials. Include a copy of clearance form with schedule request form.

Most Graduate Students are eligible to use Testudo (www.testudo.umd.edu) or MARS for their initial registration or schedule adjustments. See the MARS worksheet on page 11 for instructions.

REGISTRATION STEPS:

STEP 1—Review the chart on page 8 to determine departmental requirements based on status as a newly admitted or returning graduate student.

NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1999.

RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Spring 1999.

STEP 2—If advising is mandatory, (see page 8) or needed, contact the department to arrange an appointment. If no advising is required, student must contact the department about distribution of schedule request form and transcript.

STEP 3—Review course listings for restrictions. Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 42, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registration for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have cumulative credit requirements. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization). Students should be sure they have authorization prior to registering.

STEP 4—Complete Graduate Schedule Request Form and register through Testudo at www.testudo.umd.edu, at the Registrar's Office, or by calling MARS at 301-403-0500.

NOTE: *If the department permits, students may return the form directly to the Registrar's Office by mail through August 6, 1999, or in-person through September 15, 1999. Note however, that late registration begins September 1st.*

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Billing information: Bills for tuition and fees will be mailed to students that registered prior to August 6, 1999 for Fall courses. No bill is mailed for students who register August 6th and after. All charges incurred after August 6th through September 10th are due on September 10th without exception. Call MARS (select Finacial Information) check Testudo or Kiosks, or contact the Student Financial Services Center to verify the amount owed.

Payment in full must be made by the dates below. See pages 16-18 for additional information.

If you registered:	**Payment in Full is due:**
by July 9, 1999	August 6, 1999
between July 10, 1999 and August 6, 1999	September 3, 1999
after August 6, 1999	in person by September 10, 1999

IMMUNIZATION

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is a student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)

Students who have completed the required minimum of 12 credits of 899 and who are NOT making any demands on the University resources may qualify for this special registration; however, CONTINUOUS REGISTRATION WILL NOT SATISFY REQUIREMENTS FOR LOANS AND VISAS!!! (For further information please contact the Graduate Records Office. 2107 Lee Building. 301-405-4202.

Registration After Advancement to Candidacy

(Doctoral Students Only)

Following advancement to candidacy doctoral students must register each Fall and Spring semester for at least one credit (refer to section on continuous registration) until degree is awarded. (Students with loans and visas please note: one credit of 899 equals 18 units. 48 units represents full-time status.)

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registrar's Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1999 Deadlines- Graduate Students

August 6 ..... Last day for mail-in registration
August 31 ..... Last day to cancel registration
September 1 ..... First day of classes
September 1 ..... Late Registration begins through September 15
September 6 ..... Campus closed: Labor Day Holiday
September 20 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1999 Commencement.
September 15 ..... Last day to submit applications for December 1999 Graduation to the Registration Counter, Mitchell Building
October 4 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 10* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
**Must have department stamp to add a course after September 15.*

December 6 ..... DOCTORAL STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
- -Two final, acceptable copies of the completed dissertation
- -The original signed Report of the Oral Examining Committee
- -Survey of Earned Doctorates
- -UMI Microfilm Contract
- -UMI/UMCP Agreement

December 13 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
- -The original signed report of the Oral Examining Committee
- -Two final, acceptable copies of the Master's Thesis or Certificate of Completion of Masters Degree Without Thesis

December 14 ..... Last day of classes
December 23 ..... COMMENCEMENT

X *NOTE: ALL COURSES ADDED AFTER SEPTEMBER 15, 1999 WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME.* *See Bottom of Page 6*

6 REGISTRATION

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Graduate Students and Part-Time Undergraduates

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GRAD STUDENT INFORMATION 7

Graduate Student Registration Procedures

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NOTE: Financially ineligible graduate students must adhere to the following procedures prior to registration:

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STEP 4—Complete Graduate Schedule Request Form and register through Testudo at www.testudo.umd.edu, at the Registrar's Office, or by calling MARS at 301-403-0500.

NOTE: *If the department permits, students may return the form directly to the Registrar's Office by mail through August 6, 1999, or in-person through September 15, 1999. Note however, that late registration begins September 1st.*

Office of the Registrar
Room 1101 Mitchell Building
College Park, Maryland 20742

STEP 5—Billing information: Bills for tuition and fees will be mailed to students that registered prior to August 6, 1999 for Fall courses. No bill is mailed for students who register August 6th and after. All charges incurred after August 6th through September 10th are due on September 10th without exception. Call MARS (select Finacial Information) check Testudo or Kiosks, or contact the Student Financial Services Center to verify the amount owed.

Payment in full must be made by the dates below. See pages 16-18 for additional information.

If you registered:	**Payment in Full is due:**
by July 9, 1999	August 6, 1999
between July 10, 1999 and August 6, 1999	September 3, 1999
after August 6, 1999	in person by September 10, 1999

IMMUNIZATION

The University of Maryland requires all freshmen, new graduate, and transfer students to provide documentation of Measles, Mumps, Rubella, and Tetanus/Diphtheria. It is a student's responsibility to provide this information to the Health Center before school begins. This requirement is mandatory.

Continuous Registration

(Doctoral Students Only)
Students who have completed the required minimum of 12 credits of 899 and who are NOT making any demands on the University resources may qualify for this special registration; however, CONTINUOUS REGISTRATION WILL NOT SATISFY REQUIREMENTS FOR LOANS AND VISAS!!! (For further information please contact the Graduate Records Office. 2107 Lee Building. 301-405-4202.

Registration After Advancement to Candidacy

(Doctoral Students Only)
Following advancement to candidacy doctoral students must register each Fall and Spring semester for at least one credit (refer to section on continuous registration) until degree is awarded. (Students with loans and visas please note: one credit of 899 equals 18 units. 48 units represents full-time status.)

ID Cards

Photo ID and semester registration cards are used together for University services requiring identification. Photo ID cards are available at the Registration Counter located on the first floor of the Mitchell Building, Monday - Friday, 8:30 am - 4:30 pm. Students unable to visit during these hours should contact the Registrar's Office at 301-314-8218 to schedule an ID appointment at another time.

Advising

Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status

Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes. **Please note students receiving a private scholarship must maintain full-time status throughout the semester in order to keep their scholarship, unless otherwise stipulated by the donor in writing.**
To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding full-time teaching or research appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour
UMEI 005	6 units per credit hour
UMEI 006	2 units per credit hour
UMEI 007	4 units per credit hour
UMEI 008	2 units per credit hour

Program Changes

Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail

Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Thesis and Dissertation Students

The Graduate School has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook can be purchased at the Reckord Armory in the Reprographics Center, Room 0127. All graduate students preparing theses or dissertations are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving presentation of the guidelines are welcome and encouraged.
As of July 1, 1987, the Graduate School instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate School Records Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted; thus, graduation may be delayed. Details about these requirements may be obtained from the Graduate Records Office, 2107 Lee Building. (301-405-4202)

Fall Semester 1999 Deadlines- Graduate Students

August 6 ..... Last day for mail-in registration
August 31 ..... Last day to cancel registration
September 1 ..... First day of classes
September 1 ..... Late Registration begins through September 15
September 6 ..... Campus closed: Labor Day Holiday
September 20 ..... DOCTORAL STUDENTS: Deadline for submitting Nomination of Dissertation Committee form to the Graduate Records Office for December 1999 Commencement.
September 15 ..... Last day to submit applications for December 1999 Graduation to the Registration Counter, Mitchell Building
October 4 ..... MASTERS STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
- Approved program form (Thesis and Non-Thesis Students)
- Nomination of Thesis committee form

November 10* ..... Last day to adjust schedule, (drop, add, change credit level, or grading method)
**Must have department stamp to add a course after September 15.*
December 6 ..... DOCTORAL STUDENTS: Deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
-Two final, acceptable copies of the completed dissertation
-The original signed Report of the Oral Examining Committee
-Survey of Earned Doctorates
-UMI Microfilm Contract
-UMI/UMCP Agreement
December 13 ..... MASTERS STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1999 Graduation:
-The original signed report of the Oral Examining Committee
-Two final, acceptable copies of the Master's Thesis
or Certificate of Completion of Masters Degree Without Thesis
December 14 ..... Last day of classes
December 23 ..... COMMENCEMENT

X *NOTE: ALL COURSES ADDED AFTER SEPTEMBER 15, 1999 WILL REQUIRE FULL PAYMENT EVEN IF A COURSE WITH COMPARABLE CREDIT IS DROPPED AT THE SAME TIME.* *See Bottom of Page 6*

8 GRAD STUDENT INFORMATION

Graduate Students: use this chart to determine advising requirements and locations for Fall 1999 registration.

GRADUATE PROGRAMS		LOCATION	PHONE	Student Status		E-Mail Address	Web Site
				Newly Admitted Students	Returning Students		
AGRO	Agronomy	1109 H.J. Patterson Hall	301-405-1306	Mandatory Advising	Mandatory Advising		www.agnr.umd.edu/AcPro/Grad/index.html
AMST	American Studies	2125 Taliafero Hall	301-405-1354	Mandatory Advising	Mandatory Advising	vb33@umail.umd.edu	www.inform.umd.edu/amst/
ANTH	Anthropology	1111 Woods Hall	301-405-1423	Mandatory Advising	Mandatory Advising	anthgrad@deans.umd.edu	
ANSC	Animal Sciences	2131 Animal Sciences - Agri Engr. Bldg.	301-405-5781	Mandatory Advising	Mandatory Except 799/899	eh46@umail.umd.edu	www.agnr.umd.edu/users/ansc/index.html
ARCH	Architecture	1298 Architecture Building	301-405-6284	Mandatory Advising	Mandatory Advising	jjarvis@arch.umd.edu	www.inform.umd.edu/ARCH
AREC	Agricultural & Resource Economics	2200A Symons Hall	301-405-1291	Mandatory Advising	Mandatory Advising	barbb@arec.umd.edu	http://www.agnr.umd.edu/AcPro/Grad/GradHome.html
ARTH	Art History & Archeology	1211B Art-Sociology Building	301-405-1487	Mandatory Advising	Mandatory Advising	kc2@umail.umd.edu	
ARTT	Art1211E	Art-Sociology Building	301-405-1459	Mandatory Advising	Mandatory Advising	jm17@umail.umd.edu	
ASTR	Astronomy	1205 Computer & Space Sciences Building.	301-405-1505	Mandatory Advising	Mandatory except 799/899	astgrad@deans.umd.edu	www.astro.und.edu
BCHM	Biochemistry	1305 Chemistry Building	301-405-7022	at Orientation	Mandatory Advising	tl15@umail.umd.edu	www.chem.umd.edu/graduate/
BIOL	Biology	2231 Zoology- Psychology Bldg.	301-405-6905	Mandatory Advising	Optional	biolgrad@deans.umd.edu	www.life.umd.edu/grad/biol.html
BMBA*	Master of Business Administration	2308 Van Munching Hall	301-405-2386	Permission of Advisor	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMJT*	Joint MBA/MS	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMSB*	Master of Science	2308 Van Munching Hall	301-405-2386	See Faculty Advisor or Director	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BPHD	Ph.D Program	2407 Van Munching Hall	301-405-2386	at Orientation	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMSW*	Business Social Work Combined	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
BMPM*	Master of Public Management	2308 Van Munching Hall	301-405-2386	Contact Department	Optional	mba_info@mbs.umd.edu	www.mbs.umd.edu
CRIM	Criminal & Criminology Justice	2220 LeFrak Hall	301-405-4705	Mandatory Advising	Optional	ssimpson@bss2.umd.edu	
CHEM	Chemistry	1305 Chemistry Building	301-405-7022	at Orientation	Mandatory Advising	tl15@umail.umd.edu	www.chem.umd.edu
CHPH	Chemical Physics	1112B Institute for Physical Science & Technology	301-405-4811	Mandatory Advising	Mandatory Advising	marilyn@ipst.umd.edu	
CLAS	Classics	2407 Marie Mount Hall	301-405-2013	Mandatory Advising	Optional	clasgrad@deans.umd.edu	
CMLT	Comparative Literature	2107 Susquehanna Hall	301-405-2853	Mandatory Advising	Mandatory Advising	cmltgrad@deans.umd.edu	
CMPL/URSP	Community Planning/Urban Studies	0100C Caroline Hall	301-405-6790	Mandatory Advising	Mandatory Advising	jgraser@bss.umd.edu	
CMSC	Computer Science	1119 A.V. Williams Hall	use email	Mandatory Advising	Optional	csgradof@cs.umd.edu	www.cs.umd.edu
COMM	Communication	2130 Skinner Building	301-405-6519	Mandatory Advising	Mandatory Advising	spcmgrad@deans.umd.edu	
CONS	Sustainable Development & Conservation Biology	1201 Zoo-Psych Bldg.	301-405-7409	Optional	Optional	consgrad@deans.umd.edu	www.inform.umd.edu/CONS
CRWR	Creative Writing	4140 Susquehanna	301-405-3820	Optional	Optional	crwrgrad@deans.umd.edu	www.inform.umd.edu/ENGL/Programs/Graduate/CreateWriting
DANC	Dance	1132 Dance Bldg.	301-405-3181	Mandatory Advising	Mandatory Advising	dancgrad@deans.umd.edu	
ECON	Economics	3127F Tydings Hall	301-405-3544	Mandatory Advising	Optional	speake@econ.umd.edu	www.bsos.umd.edu
EDCI	Curriculum and Instruction	2311 HR Benjamin Building	301-405-3324	Mandatory Advising	Optional	jd25@umail.umd.edu	
EDCP	Counseling & Personnel Services	3214 HR Benjamin Building	301-405-2858	Mandatory Advising	Mandatory Advising except 799/899	cw68@umail.umd.edu	
EDHD	Human Development	3304 HR Benjamin Building	301-405-2827	Mandatory Advising	Optional	rhardy@umdacc.umd.edu	
EDMS	Measurement, Statistics and Evaluation	1230 HR Benjamin Building	301-405-3624	Optional	Optional	vk6@umail.umd.edu	
EDPA	Education, Policy, Planning & Administration	2110 HR Benjamin Building	301-405-3574	Optional	Optional	edpagrad@deans.umd.edu	www.inform.umd.edu/EDPA
EDSP	Special Education	1308 HR Benjamin Building	301-405-6515	Mandatory Advising	Optional	edspgrad@deans.umd.edu	
ENAE	Aerospace Engineering	3181 Engineering Classroom Building	301-405-2376	Mandatory Advising	Mandatory Advising	enaegrad@deans.umd.edu	
ENBE	Biological Resources Engineering	1431 Animal Sciences - Agri. Engineering Bldg.	301-405-1198	Mandatory Advising	Mandatory Advising	enbegrad@deans.umd.edu	www.agnr.umd.edu/users/bioreng
ENCE	Civil Engineering	1179 Engineering Classroom Bldg.	301-405-1974	Optional	Optional	encegrad@deans.umd.edu	
ENCH	Chemical Engineering	2113 Chemical Engineering Bldg.	301-405-1935	Mandatory Advising	Mandatory Advising	enchgrad@deans.umd.edu	www.ench.umd.edu/
ENEE	Electrical Engineering	2434 AV Williams Building	301-405-3681	Optional	Optional	eneegrad@deans.umd.edu	www.ee.umd.edu
ENFP	Fire Protection Engineering	0151 Engineering Classroom Bldg.	301-405-3992	Mandatory Advising	Mandatory Advising	enfpgrad@deans.umd.edu	www.enfp.umd.edu
ENGL	English	3119 Susquehanna	301-405-3798	Mandatory Advising	Optional	englgrad@deans.umd.edu	www.inform.umd.edu/ARHU
ENMA	Material Sciences Engineering	2135 or 2138 Chemistry & Nuclear Engineering Building	301-405-5211	Mandatory Advising	Mandatory Advising	enmagrad@deans.umd.edu	
ENME	Mechanical Engineering	2168 Engineering Classroom Bldg.	301-405-4216	Mandatory Advising	Optional	enmegrad@deans.umd.edu	
ENNU	Nuclear Engineering	2309 Chemistry & Nuclear Engineering Building	301-405-5227	Optional	Optional	ennugrad@deans.umd.edu	
ENPM*	Professional Master's of Engineering	3136 Engineering Classroom Building	301-405-0362	Optional	Optional	cunniff@eng.umd.edu	
ENRE	Reliability Engineering	2134 Chemistry & Nuclear Engineering Building	301-405-1935	Optional	Optional	enregrad@deans.umd.edu	
ENSE	Systems Engineering	2172 A.V. Williams Building	301-405-6613	Mandatory Advising	Mandatory Advising	ensegrad@deans.umd.edu	www.isr.umd.edu/ISR/programs/education/msse.html
ENTM	Entomology	4112 Plant Sciences Building	301-405-3912	Mandatory Advising	Mandatory Advising	gd7@umail.umd.edu	
ENTS*	Telecommunications	2415 A.V. Williams Building	301-405-3683	Optional	Optional	entsgrad@deans.umd.edu	
FDSC	Food Science	3304 Marie Mount Hall	301-405-4521	Mandatory Advising	Mandatory Advising	fdscgrad@deans.umd.edu	
FMST	Family Studies	1204 Marie Mount Hall	301-405-3672	Optional	Optional	fmstgrad@deans.umd.edu	
FRIT	French Language & Literature	3122 Jimenez Hall	301-405-4024	Mandatory Advising	Mandatory Advising	fritgrad@deans.umd.edu	
GEOG	Geography	1113 LeFrak Hall	301-405-4050	Mandatory Advising	Mandatory Advising	geoggrad@deans.umd.edu	
GELS	Geography/Library & Information Systems	4110 Hornbake Library	301-405-2038	N/A - see GEOG & LBSC	N/A - see GEOG & LBSC	lbscgrad@deans.umd.edu	
GEOL	Geology	1115 Geology Building	301-405-4365	Mandatory Advising	Mandatory Advising	geolgrad@deans.umd.edu	
GERS	Germanic Language & Literature	3215 Jimenez Hall	301-405-4091	Mandatory Advising	Mandatory Advising	gersgrad@deans.umd.edu	
GRAD	Advanced Special Student	2117 Lee Building	301-405-4198	Not Required	Not Required	grschool@deans.umd.edu	http://www.ads-rr/Grad/appreq.html.
GVPT	Government & Politics	3140 Tydings Hall	301-405-4161	at Orientation	Optional	gvptgrad@deans.umd.edu	
HESP	Hearing and Speech	0100 LeFrak Hall	301-405-4214	Mandatory Advising	Mandatory Advising	hespgrad@deans.umd.edu	
HILS	History/Library & Information Systems	4110 Hornbake Library	301-405-2038	see LBSC	see LBSC	lbscgrad@deans.umd.edu	
HIST	History	2115 Francis Scott Key Hall	301-405-4264	Mandatory Advising	Mandatory except 799/899	histgrad@deans.umd.edu	
HLTH	Health Education	2387 HHP Building	301-405-2464	at Orientation	Mandatory Advising	hlthgrad@deans.umd.edu	
HORT	Natural Resource Sciences & Landscape Architecture	2106 Plant Sciences Bldg.	301-405-4357				
JOUR	Journalism	1115 Journalism Building	301-405-2380	Mandatory Advising	Optional	jourgrad@deans.umd.edu	
KNES	Kinesiology	2334 HHP Building	301-405-2455	Mandatory Advising	Mandatory except 799/899	knesgrad@deans.umd.edu	
LBSC	Library & Information Services	4110 Hornbake Library	301-405-2038	Mandatory Advising	Mandatory Advising	lbscgrad@deans.umd.edu	www.clis.umd.edu
LING	Linguistics	1401 Marie Mount Hall	301-405-7002	Mandatory Advising	Optional	linggrad@deans.umd.edu	
LMBA*	Business Law Combined	2308 Van Munching Hall	301-405-2278	see admit letter	Mandatory Advising		
LMPM (see MAPM)	Management Combined	2101 Van Munching Hall	301-405-6330	n/a	n/a	puafgrad@deans.umd.edu	
MAPL	Applied Mathematics	1104 Mathematics Building	301-405-5062	by appointment	Optional	maplgrad@deans.umd.edu	
MAPM	Public Management	2101 Van Munching Hall	301-405-6330	Optional	Optional	puafgrad@deans.umd.edu	
MAPP	Public Policy	2101 Van Munching Hall	301-405-6330	Optional	Optional	puafgrad@deans.umd.edu	
MATH	Mathematics	1112 Mathematics Building	301-405-5058	by appointment	Optional	mathgrad@deans.umd.edu	
MCOM	Mass Communication	1118 Journalism	301-405-2380	Mandatory Advising	Optional	jourgrad@deans.umd.edu	
MEES	Marine-Estuarine-Environmental	2113 Agri/Life Sciences Surge Bldg. 1	301-405-6938	Mandatory Advising	Optional	meesgrad@deans.umd.edu	www.life.umd.edu/grad/mees
METO	Meteorology	2416 Computer & Space Science Building	301-405-5389	at Orientation	Optional	metograd@deans.umd.edu	www.meto.umd.edu
MICB	Microbiology	1123 Microbiology Building	301-405-6991	Mandatory Advising	Optional	micbgrad@deans.umd.edu	www.life.umd.edu/microbiology/index.html
MOCB	Molecular & Cellular Biology	1117 Microbiology Building	301-405-6991	Optional	Optional	mocbgrad@deans.umd.edu	
MSWE*	Master of Software Engineering	University College Graduate School	301-985-7092 or 301-985-7155	Mandatory Advising	Mandatory Advising	bender@nova.umuc.edu	
MUSC	Music	2110 Tawes Fine Arts Building	301-405-5560	Mandatory Advising	Mandatory Advising	muscgrad@deans.umd.edu	
NACS	Neuroscience & Cognitive Sciences	2239 Zoology- Psychology Bldg.	301-405-8910	Mandatory Advising	Mandatory Advising	NACSgrad@deans.umd.edu	
NUTR	Nutrition	3304 Marie Mount Hall	301-405-4521	Mandatory Advising	Mandatory except 799/899	nutrgrad@deans.umd.edu	
PBIO	Plant Biology	1123 Microbiology Bldg.	301-405-6991	Optional	Optional	pbiograd@deans.umd.edu	www.life.umd.edu/microbiology/index.html
PCOM	Public Communication	2109 Journalism	301-405-2380	Optional	Optional	jourgrad@deans.umd.edu	
PHIL	Philosophy	1125 Skinner Building	301-405-5689	Mandatory Advising	Mandatory Advising	philgrad@deans.umd.edu	
PHYS	Physics	1120B Physics Building	301-405-5982	Mandatory Advising	Mandatory except 799/899	physgrad@deans.umd.edu	
POSI	Policy Studies	2101 Van Munching Hall	301- 405-6330	Optional	Optional	puafgrad@deans.umd.edu	
POUL	Poultry Science			Mandatory Advising	Mandatory except 799/899		
PSYC*	Psychology	1141 Zoo-Psyc Building	301-405-5865	Mandatory Advising[1]	Mandatory Advising[1]	padgett@bss3.umd.edu	www.bsos.umd.edu/psyc
RECR	Recreation			Mandatory Advising	Mandatory Advising		
RUSS	Russian Language & Linguistics			Mandatory Advising	Mandatory Advising		
SOCY	Sociology	2103 Art-Sociology Building	301-405-6390	Mandatory Advising at Orientation	Optional	socygrad@deans.umd.edu	www.bsos.umd.edu/socy
SPAP	Spanish Language & Literature	2215 Jimenez Hall	301-405-6446	Mandatory Advising	Mandatory Advising	spapgrad@deans.umd.edu	
STAT	Mathematical Statistics	1112 Mathematics Building	301-405-5061	Mandatory Advising	Mandatory Advising	statgrad@deans.umd.edu	
SURV	Survey Methodology	1218 LeFrak Hall	301- 314-7911	Mandatory Advising	Mandatory Advising	survgrad@deans.umd.edu	
THET	Theatre	0202 Tawes Fine Arts Building	301-405-6676	Mandatory Advising	Mandatory Advising	thetgrad@deans.umd.edu	
TOXI	Toxicology	3110 Plant Sciences Building	301-405-3919	Mandatory Advising	Mandatory Advising	toxigrad@deans.umd.edu	
UMAB, UMBC, UMES, UMUC Intercampus Enrollment Program		1101 Mitchell Bldg.	301-314-8239	at Home Campus Office of Special Programs at Host Campus - Inter campus form must be attached			

[1]Registration forms must be returned to Room 1141 Zoo-Psyc Bldg.

***Note: Differential Tuition**

MARS

USE TESTUDO (www.testudo.umd.edu) or MARS for drop/add, waitlist check-in and much more!

MARS FEATURES

Welcome to MARS! The MARS Main Menu is divided into different areas representing various student services - Registration Activities, Grade Inquiry, Financial Information and more. Each area is represented by a different number on the telephone keypad, and within each area there are various functions. Listen carefully to MARS for selection numbers. MARS is frequently being updated so check the MARS Main Menu for new applications and services.

Registration Activities Menu

This is the most widely used area of MARS and includes functions for course registration, schedule adjustment, searching for open course sections, getting on a waitlist, and listing your course schedule. Remember advising or special course permissions may be required before registering.

Registration/Schedule Adjustment: Use this feature to add and drop courses, change a grading method or credit level, list your current schedule, check on open sections, or place yourself on a waitlist. See page 11 for a MARS Course Worksheet and directions for using MARS to register.

Waitlist Check-In: Students can use MARS to fulfill the mandatory waitlist check-in obligation or check the status of their waitlisted courses Read page 12 for waitlist information.

Section Status: Up-to date course availability data is provided through Section Status. To inquire about a section use the course/section Index Number in the course listings. If a course is closed, the number of students on the waiting list will be given. Because this feature is only informational, no registration blocks are enforced.

List Schedule: MARS will list the courses for which you are currently registered.

Registration and Appointment Status: Lists student early registration dates as well as advising requirements, financial eligibility and registration blocks.

Grade Inquiry

Provides semester and early warning grades as soon as they are available.

Campus Parking Application

Students can apply for parking permits and change lot selections. See page 14.

Financial Information

Account Balance and Payment: Use MARS to pay your bill or check your account balance.

Check Disbursement: Students receiving aid can use this feature to schedule an appointment to pick up aid checks.

Financial Aid Inquiry: Student can check on the status of their financial aid application and receive aid information.

Pin Change

A student's initial Personal Identification Number or PIN is set to their 6-digit birthdate (For example 062176). This number must be changed the first time you access MARS. Also use this feature to change your PIN if you feel the security of the number has been compromised.

CAMPUS SURVEYS

This feature is used as a tool to conduct surveys on various issues effecting students.

CALLING MARS

Schedule adjustment and registration with *MARS* is convenient and easy. *MARS* utilizes the telephone key pad to communicate your course requests to the computer. The *MARS* Course Worksheet and key pad on page 11 will guide you through the process. Just follow the steps below, and then call *MARS*.

- FOLLOW steps 1 - 7 on pages 5 + 6.
- Fill out the MARS course worksheet on page 11 and enter the information on each line. Use an ACTION CODE, section INDEX NUMBER, and # (pound sign) on the key pad for each transaction. After entering all lines press # (pound sign) again to signal the computer to process course requests.

ACTION CODE - tells the computer what you want to do, for example add (press 2), drop (press 3) or list courses (press 5). All ACTION CODES are listed on page 11.

INDEX NUMBERS - identify the individual course and section. Each course has a unique 5-digit index number in the course listings section of the Schedule of Classes. The INDEX NUMBER is in parenthesis to the right of the section number. Contact the department offering the course for INDEX NUMBERS not listed in the Schedule of Classes.

- Call *MARS* for registration, schedule adjustment and waitlist check-in during the times listed below. Listen to MARS carefully, you will be prompted for your Student ID Number (social security number) and PIN (Personal Identification Number). Note: Late Registration begins September 1, 1999.

  Monday - Saturday 7:30 a.m. - 11:00 p.m. (usually available during these hours)
  Sunday 5:00 p.m. - 11:00 p.m.

- Phone Numbers:

  MARS 301-403-0500
  (From on-campus dial 9-403-0500)
  MARS HELPLINE call 301-314-1600
  (call the *MARS* Helpline between the hours of 8:30 and 4:30 if you have any questions or concerns)

VENUS

VENUS, or the Virtual Electronic Network University Scheduler, can be accessed through the Internet and is being widely used by University of Maryland students as a tool to create their course schedule.

Venus assembles schedules by considering all the possible combinations that can be produced with the courses that a student specifies. The student simply enters the courses he/she is considering, and Venus gives schedule options using all the specified course sections. The Venus online tutorial will get you started.

Check out Venus at http://www.testudo.umd.edu

WORDS FROM MARS

ACCIDENTAL TERMINATION OF CALL: If you are accidently cut off from *MARS* before you complete your request, recall the system. You will be registered for transactions processed prior to termination. After entering your student ID and PIN, press 5 # # to list your course schedule. *MARS* will list the courses for which you are already registered. You may then make additions or changes to your schedule.

CANCELLATION OF REGISTRATION: Note that whether you register in person, or by *MARS* your entries are part of your registration record. See Cancellation of Registration, page 12, for deadlines and information.

DISCONNECTIONS: Time limits are built into the system. If you are on the *MARS* line for an extended period of time you will be disconnected. Error limits are also a part of *MARS*. If you do not enter the correct information after the second try, *MARS* will disconnect. You may immediately call *MARS* back. List your schedule (5##) to verify prior transactions..

DROPPING: You may drop a course by using Action Code 3 # # with Drop/Add. *MARS* will list all of your courses and give you the option to drop. *Before dropping one course in order to register for another course, be sure to use Open Section Look-up to insure that the course is available. Once a closed course has been dropped, you will be unable to reregister for the course. The next person on the waitlist has been given your seat.*

FUNDAMENTAL STUDIES: Students with a Fundamental Studies Block should contact their college office for a temporary extension. If you are registering for the required course, you must register in person.

SCHEDULE ADJUSTMENT: Schedule Adjustment for Fall 1999 begins May 10, 1999. Call *MARS* during operating hours: Monday - Saturday 7:30 a.m. to 11:00 p.m., Sunday 5:00 p.m. - 11:00 p.m or use www.testudo.umd.edu. Walk-in Schedule Adjustment is also available. See page 5, step 1, for dates and times.

GRADE INQUIRY: This feature of MARS provides students with semester and early warning grades as soon as they are available. Use MARS, the Web or a Kiosk to get your grades. Use your Student ID Number and PIN, and as soon as your grades are processed, they will be available electronically. Grade Point Averages are calculated after all final grades have been posted. ***Grade reports will no longer be automatically mailed, but Official Transcripts are always available free of charge. Grade reports can be requested when grades have been submitted. Use MARS or Testudo. See page 35, Transcript Services, for details.***

GRADING METHOD: This refers to the choice of taking a course for a letter grade (A - F), Pass-Fail, or Audit. Change the grading method for a course by using *MARS* Action Code 4 # #. All grading methods are not available for all courses. Additionally, there are restrictions on taking courses Pass-Fail. See page 40 for information.

INDEX NUMBER: Unique five-digit index numbers are assigned to each section of a course. This number is located to the right of the section number in the course listings (beginning on page 38). Index Numbers for independent study courses must be obtained from the department offering the course.

PIN - PERSONAL IDENTIFICATION NUMBER: Most students already have a PIN. For students matriculating for Fall 1999 your initial PIN will be your six-digit birthdate (MMDDYY). Once you have accessed *MARS* you will be required to change this to another six-digit number. Please retain this number, and keep it confidential to insure private access to your records. Your PIN can be changed by selecting the PIN Change Processor from the *MARS* main menu, or at the Testudo web site: www.testudo.umd.edu.

SCHEDULE AND BILL: Students that register prior to August 6, 1999 will receive a schedule, registration card and bill in the mail. Payment in full must be made no later than August 6, 1999 for students who registered by July 9, 1999 and earlier and by September 3, 1999 for students registering between July 10, 1999 and August 6, 1999. Bill Payment is due by September 10, 1999 for students registering after August 6, 1999.

SILENCE DURING PROCESSING: There may be periods of silence during your call to *MARS*. This is normal and occurs when information is being verified or processed. Typically, the amount of silence lasts no longer than 5 seconds; however this time may increase during periods of heavy use. DO NOT HANG UP. Wait for the next set of instructions.

REGISTRATION BLOCKS: Some students, because of their major or academic status, must be advised before they register or process schedule adjustments. *These students include those on academic warning/dismissal, student athletes, students with a fundamental studies block, newly admitted students, and students in the IED and Individual Admit programs.* Advisors can remove these blocks electronically after your advising appointment. You will then be cleared to register using MARS. Be sure to schedule an appointment with your advisor prior to your registration time.

TIME CONFLICTS: *MARS* will not permit you to register for courses that conflict in time. Any exceptions require special permission from your college. To be placed on a waitlist for a course that conflicts with one you are registered for, use Waitlist Action Code 7 # #. If you receive the class from the waitlist, you will then be required to resolve the conflict. If the time conflict is not resolved, the course received from the waitlist will be dropped. Refer to Waitlist Feature on page 10 for more information.

VARIABLE CREDIT: Certain courses can be taken for a variable number of credits. *MARS* will prompt you for the number of credits when you register. You can change the credit level for a variable credit course by using *MARS* Action Code 8 # #.

Anyone using the Maryland Automated Registration System for purposes other than accessing his/her own records will be in violation of University Policy. Calls may be monitored for development purposes.

10 WAITLIST INFO

USING THE WAITLIST

The waitlist is a roster of students who are waiting for a seat to become available in a closed course. The waitlist stores names in order of request, on a first come, first served basis, to allow access to seats as drops are processed. Students can waitlist courses by using Testudo, MARS or in-person.

Waitlisting in Person: If a course is closed and a waitlist is available you will be offered the option of being placed on a waitlist. You may waitlist up to six sections of a course. Mandatory Check-In and Regular Check-In dates will be noted on your Schedule Request/ Adjustment form. *You are required to check-in beginning on these dates to remain on the waitlist.* Please retain this information.

Waitlisting with MARS: When attempting to add a closed course, and a waitlist is available, the waitlist option will be offered. If this option is selected, you will be placed on the waitlist for the closed section. Additionally, you will be prompted to enter up to five more waitlist sections. Be sure to use the section INDEX NUMBER. Information about the MANDATORY and REGULAR CHECK-IN dates will be given. Make note of these important dates.

When following these procedures to place a request on the waitlist, normal registration blocks are enforced. For example, if the desired waitlisted course conflicts in time with an existing added course you will be prevented from waitlisting the course. See WAITLIST FEATURE at the bottom of this page for details on how to temporarily override time and credit restrictions.

WAITLIST CHECK-IN FOR FALL 1999-USE MARS, KIOSKS, OR TESTUDO ON THE WEB.

MARS Waitlist Check-In is available through September 16, 1999. If you are on the waitlist you must call MARS (301- 403-0500), use www.testudo.umd.edu or check-in at a Kiosk or in person on the first day of classes, September 1, 1999, the mandatory check-in date. If you are still on the waitlist after mandatory check-in, you must then check-in daily during regular check-in, beginning September 2, 1999 to remain on the waitlist. **Remember—you must first check-in on the first day of classes, and then daily to remain on the waitlist.**

MARS operating hours:

Monday - Saturday 7:30 a.m. - 11:00 p.m. (late hours are usually available)
Sunday 5:00 p.m. - 11:00 p.m.

In-person check-in will be available September 1st through September 16th, 1999 in Room 1101 Mitchell Building from 8:45 a.m. - 11:45 a.m. and 1:00 - 4:15 pm. Location is subject to change.

MARS and Testudo Check-In: MARS and Testudo waitlist data is transferred daily from the on-line registration system. When students check-in, MARS captures the Student Identification number and it is stored in a file. In the evening, this file is transferred to the on-line registration system. Updated course schedules with received waitlist courses are available the following day. If you place yourself on a waitlist, this information will not be available in MARS waitlist check-in until the following day.

To Check-In using MARS follow steps 1- 5 or visit a MARS Kiosk

1. Call MARS at 403-0500
2. Press 1 for Registration Activities
3. Press 2 for Waitlist Check-In
4. Enter your Student Identification Number (usually your social security number)
5. Enter your PIN (Personal Identification Number)

MARS will either indicate that a specific course was added to your schedule, or that you are still waiting for the course. If the course is received, MARS will confirm that the course was added to your schedule. NOTE that when a course is received from the waitlist it is added to a student's schedule the following day. You may wish to call MARS or access Testudo the next day and list your schedule to verify that the add was processed.

If you have not received the course, and are still on the waitlist, MARS will give your waitlist position and the next mandatory check-in date. MARS will also provide a confirmation number. This number is your assurance that you called MARS for Waitlist check-in that day. **Remember, to remain on the waitlist you must check-in daily once classes begin.**

MARS Waitlist Status: You can check the status of a waitlisted course beginning the day after you register. Call MARS and select Waitlist Check-In from the MARS menu. MARS will list any courses you have received from the waitlist and your waitlist/holdfile position for the section you have not received.

Conflicts: If you call MARS and receive a course from the waitlist which creates a time conflict or causes your schedule to exceed the number of allowable credits, etc., you MUST adjust your schedule by 4:30 p.m. of the following workday. You can use MARS Registration/Schedule Adjustment, come in to the Registrations Office, or call the MARS Helpline (314-1600). If you do not adjust your schedule, a drop will be processed on the course you received from the waitlist.

WAITLIST INFORMATION

1. **You must check-in once a day, either by calling MARS, using Testudo, at a MARS Kiosk or in-person, during the specified period, to remain on the waitlist. Students that do not check-in will be removed from the waitlist.** If a section has already been assigned, the section will be given to the next eligible student.

2. Not all departments offer waitlists for their courses. It is the decision of the department whether or not to offer a waitlist. Some departments have two waitlists - one for eligible majors and one for special populations determined by the department. In those departments where two waitlists are kept, be aware that eligible majors have priority.

3. It is recommended that you complete your schedule with alternative course choices. **BEING PLACED ON A WAITLIST DOES NOT GUARANTEE THAT YOU WILL BE SECTIONED INTO YOUR DESIRED COURSE.**

4. To be eligible for the waitlist/hold file you cannot be registered for any other section of the desired course. If you are currently registered for any other section of the course, you must drop that section before you can be placed on the waitlist. If you remain registered for another section of the same course at the time you waitlist, you will be removed from the waitlists.

5. You may select up to six (6) sections of a course. The first section to become available will be assigned to you by the computer. Since you will now be registered for a section, your name will be removed from the waitlist for that course. If you subsequently refuse the assigned section, that section will be given to the next person waiting for it. You may, at that time, request to be **PLACED AT THE END OF THE WAIT LIST FOR ANOTHER SECTION.**

6. Once you have been placed on a waitlist for a specific course you cannot add any additional sections to the waitlist for that course at the same position. If you later decide to add additional sections they can be added to the end of the waitlist.

7. Students stand a better chance of receiving a course by waitlisting as many sections as possible. However, when waitlisting multiple sections of a course, you should be sure each section fits your schedule unless you plan to drop the course that conflicts with the waitlist section at the time the section is received.

8. Problems resulting from courses received from the waitlist that conflict with a student's schedule must be resolved. After a course is received from the waitlist time conflicts cannot remain on a student's schedule without permission from the student's college. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course.

9. If new sections are opened with exact meeting times to those sections selected, you will be scheduled for the new section by the waitlist processor.

10. Waitlist activity will end the last day of the Schedule Adjustment Period.

11. Students who receive courses from the waitlist prior to the beginning of the semester may receive information regarding phone-in procedures.

WAITLIST FEATURE (7 # # ON MARS)

Waitlisting a course that conflicts in time with another course or waitlisting a course that if received, would allow a student to be enrolled in credits above the maximum credit restriction requires a student to use the Action Code 7 # # while in Registration/Schedule Adjustment. This procedure only allows an override on the registration blocks for waitlisted courses. If the course is received and confirmed, students must adjust their schedule in accordance with University policy by 4:30 p.m. of the following workday. If the schedule is not adjusted, a drop will be processed on the received waitlist course. Additionally, 7 # # allows students to drop a section of a previously waitlisted course, and provides a listing of waitlist courses.

ADDING A COURSE TO THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 2, INDEX NUMBER, # #

The course/section has now been added to the waitlist. Listen carefully, you will be prompted to waitlist 5 additional sections if you so desire. The processor will warn you when there are registration blocks associated with your waitlist requests. These will be overridden by the processor. If you receive the course, you MUST resolve the problem by 4:30 p.m. of the following workday to comply with University policy. Failure to adjust your schedule will result in the received class being dropped.

DROPPING A COURSE FROM THE WAITLIST:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 3, INDEX NUMBER, # #. The exact course/section has been deleted from your waitlist record.

OR

Press Action Code 3, # #. *MARS* will list all your waitlist courses/sections. Listen carefully. The system will prompt you to drop the desired waitlist course/section.

LISTING WAITLIST COURSES:

1. Use Waitlist Action Code - 7 # #.
2. Press Action Code 5, # #. *MARS* will list your waitlist courses/sections and position number.

If you receive a course from the waitlist you must still reconfirm your request. To reconfirm and receive the course go back to the MARS main menu, select Waitlist Check-in (press 2) and follow instructions.

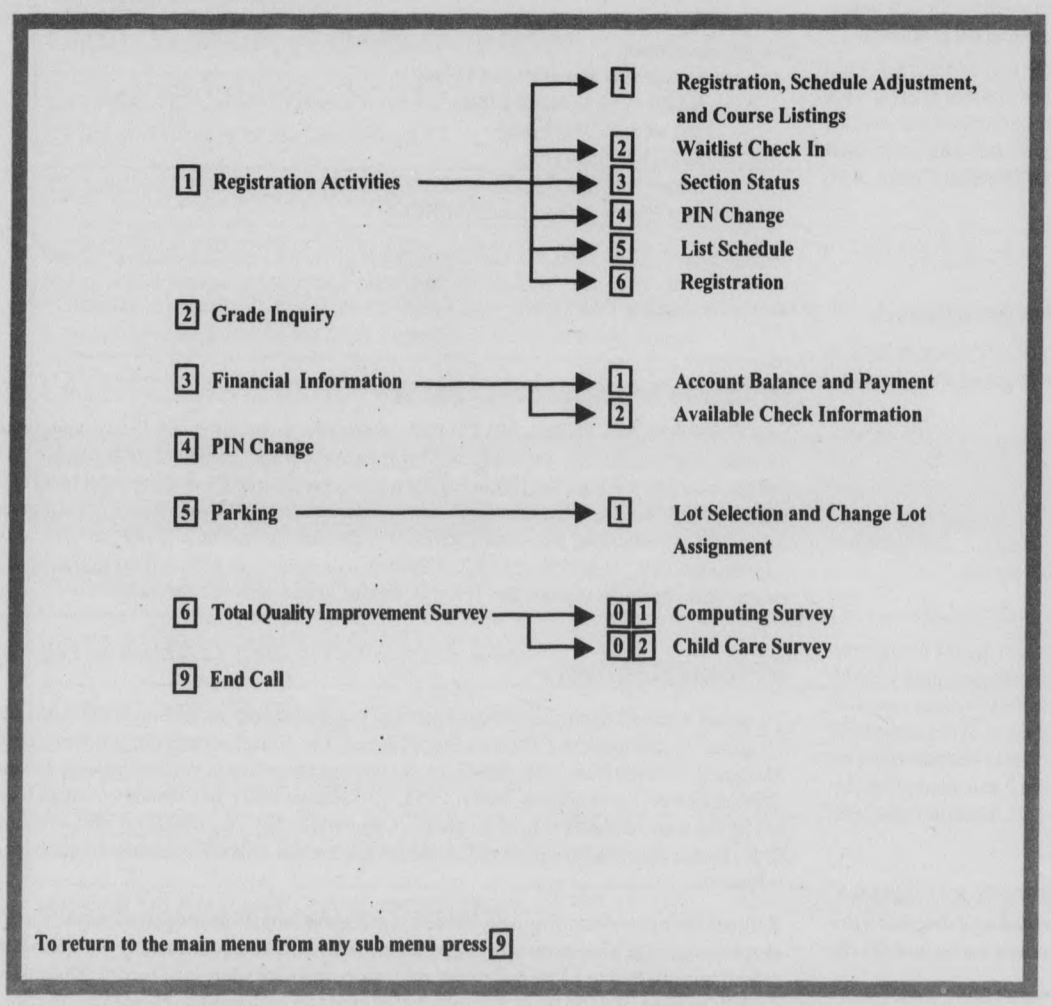
MARS COURSE WORKSHEET 11

TO ADD COURSES FOLLOW STEPS 1 - 8

1. Before processing your registration fill in the boxes below, one course per line. Each course selection is identified in the Schedule of Classes by a unique 5-digit INDEX NUMBER (to the right of the section number). Be prepared with alternate selections. *Note that **MARS** will not allow you to register for any time conflicts.*
2. Call **MARS** 301-403-0500 (from campus call 9-403-0500)
3. Select Registration Activities from the **MARS** main menu (Option 1).
4. Select Registration, Schedule Adjustment, and Course Listings from the Registration Activities menu (Option 1).
5. Enter your student ID number (usually your social security number) ___ ___ ___ - ___ ___ - ___ ___ ___ ___
6. Enter your PIN (Personal Identification Number) ___ ___ ___ ___ ___ ___
7. Add courses to your schedule by pressing Action Code 2, the INDEX NUMBER of the course, and #.
8. After you have entered all ADDS in this format, enter another # to send the information to the computer. Listen carefully, **MARS** will give information about each transaction.

ACTION CODE	INDEX NUMBER		COURSE	SECTION	DAYS	TIMES
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				
ABC 2	___ ___ ___ ___ ___	#				

Press # after entering your transactions. This # signals the computer to process your requests.



ACTION CODES

ADD A COURSE:

2, INDEX NUMBER, # #

DROP A COURSE:

3, INDEX NUMBER, # #

OR 3 # # , MARS will list courses & prompt you to press 1 to drop or 0 to continue

CHANGE GRADING METHOD:

You have the option to enter a grading method when adding a course. If no grading method is entered, MARS will default, in most cases to regular.

4 INDEX NUMBER * GRADING METHOD # #

1=Regular 2=Pass/Fail 3=Audit 4=Satisfactory/Fail

OR 4 # # to list courses with grading method

CHANGE CREDIT LEVEL:

Limited to variable level courses

8 INDEX NUMBER * NUMBER OF CREDITS # #

(Example: 2 credits=02)

OR 8 # # to list courses with credit levels

LIST YOUR SCHEDULE:

5 # #

LIST OPEN SECTIONS:

MARS will list up to six open sections. You have the option to list open sections that don't conflict with your current schedule, or all open sections for a particular course. MARS will list all available sections or start with a specific section. Be ready to write down open section information and index numbers.

6 # #

To list open sections not conflicting with your schedule press 1

To begin at a specific section enter index number, * #

To list all non-conflicting sections enter any index number for the course, #

-OR-

To list all open sections press 2

To begin at a specific section enter index number, * # -or-

To list all open sections enter any index number for the course, #

WAITLIST FEATURE:

If the course closed, and you are eligible to take the course, *MARS* will prompt you to be placed on the waitlist for up to six sections. If any of these sections are open, *MARS* will tell you. Please note the section and index numbers.

To enter directly into the Waitlist Feature,

7 # # then

2 INDEX NUMBER # # to add a section to the waitlist

3 INDEX NUMBER # # to drop a specific waitlist section

OR 3 # # to be prompted for dropping waitlist sections

5 # # to list waitlist sections

CANCEL TRANSACTION:

To cancel an entry before the # is pressed enter * * #. [You may then reenter your request.]

RETURN TO MAIN MENU:

9 # #

MARS

maryland automated registration system

CANCELLATION / REFUNDS / GRADUATION

Cancellation of Registration

Students who register and later decide not to attend the University must CANCEL their registration by August 31, 1999. Failure to cancel registration will result in financial obligation to the University of Maryland even though the student does not attend class.

To Cancel Your Registration on or before August 31, 1999

1. Your cancellation request must be received in writing by:

   Office of the Registrar
   1st Floor, Mitchell Building, University of Maryland
   College Park, Maryland 20742
   or FAX to 301-314-9568

Since the University can honor only those requests for cancellation which are actually received by AUGUST 31, 1999 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT IDENTIFICATION NUMBER ON ALL CORRESPONDENCE.

2. For additional information concerning cancellation call the Registrar's Office at 301-314-8240.
3. Cancellation of Housing and Dining Services is a separate process. See page 17 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 12 or more.

PRIOR TO THE FIRST DAY OF CLASSES, AUGUST 31, 1999 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to 11 or less, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to 12 or more, the student will be charged for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 1-8, 1999, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eleven or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time tuition and fees and appropriate part-time charges. After the first five days of classes, there is no refund for changing from full-time to part-time status.

Refund Schedule for Drops
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 31 or earlier (prior to the first day of classes) ..... 100% refund.
   There will be no charge for courses dropped prior to this date.
2. September 1-8 (first five days of classes) ..... 80% refund.
   There will be a 20% charge imposed for courses dropped during this period.
3. September 9 and after (anytime after the first five days of classes) ..... 0% refund.
   Student will incur full charge for courses dropped during this period.

IMPORTANT NOTES:

First ten days of classes (from September 1st-15th): Students will not be charged to drop and add a course if they are of equal credit value, for example dropping CHEM 678 and adding CHEM 691 (both three credit courses), and if they are processed on the same day. This is considered an even exchange. Remember, to avoid additional tuition charges when dropping and adding, BOTH the drop and the add must be done during the same day. The total number of credits dropped and added must be equal. COURSES TAKEN AT SHADY GROVE ARE NOT ELIGIBLE FOR THE EVEN EXCHANGE CALCULATION.

After the first ten days of classes (September 16th and later): Even exchanges of dropped and added credits will not be accepted. ***Courses added and dropped after the 10th day of classes will be charged as follows: there will be no refund for the drop, and 100% charge per credit for any adds.***

Candidates for December 1999 Graduation

Deadline to apply for a diploma dated December 1999 ..... September 15, 1999

Both graduate and undergraduate students must apply for a diploma dated December 1999 by September 15, 1999. Diploma applications can be processed several ways. Choose the most convenient for you:

1. Testudo - Use Testudo Interactive Student Services on the web at www.testudo.umd.edu. Select *Records and Registrations Services*, then *apply for Graduation.*
2. MARS - Call the Maryland Automated Registration System at 301-403-0500.
3. Visit a MARS Kiosk located in Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and first floor Mitchell Building.
4. Come to the Registration Counter, first floor lobby, Mitchell Building to complete an application.

Reclassification to In-State Status

If you wish to change your out-of-state classification you may do so by filing a timely Petition of In-State Status. Information sessions will be held at the beginning of the semester. The deadline for meeting the twelve month requirements for in-state status and for submitting a petition and supporting documentation is the last day of Schedule Adjustment for the semester you wish to be classified as an in-state student. Requests for retroactive changes in-state status are not granted.

Deadline for Fall 1999 ..... September 15, 1999

It is imperative that students obtain a petition as soon as possible. Late petitions will not be accepted. The volume of petitions for review of eligibility may necessitate a delay in completing the review process. It is to your advantage to apply early. It is hoped that a final decision for each case will be made within sixty (60) days of receipt of a complete petition including all necessary documentation.

For residency self-evaluation forms, walk-in hours, petition materials or additional information, please contact:

Residency Classification Office
Room 1118 Mitchell Bldg.
301-405-2030 (Phone)
301-314-9832 (Fax)
e-mail: resclass@deans.umd.edu
http://www.inform.umd.edu/RCO

Refunds for Special Courses

COOP 098/099, MATH 001, MATH 002—Refunds: A part-time or full-time undergraduate who drops MATH 001 or MATH 002 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% or thereafter. MATH 001 or MATH 002 will still be counted in the determination of hours for full-time or part-time status, not withstanding the refund policy. A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To obtain a refund from your student account you may apply in writing. This can be done by either: (1) addressing a letter to the Office of The Bursar, Lee Building; University of Maryland, College Park, MD 20742, or (2) visiting the office in person: Student Financial Service Center, Lee Building, Room 1135, 8:30 a.m. to 4:30 p.m., Monday through Friday, or (3) you may request a refund by phone. Call MARS 301-403-0500 and start with option #"3" (Financial Information) from the MARS main menu. No credit balance is automatically refunded.

Refunds from payments originally made by cash are ordered from the State Treasurer's Office in Annapolis. They are made payable to the student and take approximately 3 weeks after the refund is requested to be mailed to the students permanent address of record. Students with a credit balance of $100.00 or less may be entitled to a cash refund. Please visit the Student Financial Service Center Office, Room 1135 Lee Building, with an identification card to obtain the cash refund voucher.

Refunds from payment originally made with a credit card must be refunded to the card originally charged. Credit card refunds are processed electronically and take approximately 1 week after the refund is requested. Please include your credit card number and expiration date in your request. A credit receipt will be mailed to the address listed on the refund request.

Fall 1999 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE+	September 15
CANCEL REGISTRATION FOR Fall 1999	August 31
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates for billing purposes)	see penalties for Drops page 12
CHANGE CREDIT LEVEL (Undergraduates) (Graduate Students - November 10)	September 15
DIPLOMA APPLICATION (for December 1999 Graduation and diploma dated December 1999)	September 15
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	see penalties for Drops pages 6 & 12
DROP A COURSE (Undergraduates only) * without "W" mark * with "W" mark (4 credit drop limit)	 September 15 November 10
CHANGE GRADING OPTION (Graduate Students -November 10)	September 15
GRADUATE MAIL-IN REGISTRATION	August 6
GRADUATE STUDENTS - LAST DAY TO ADJUST SCHEDULE (drop, add, change grading option, credit level) • Graduate students do not receive "W"s. They must have a department stamp to add courses after 9/15/99. • Refund period ends 9/8/99. See pages 6 & 12 for specific dates.	November 10
LATE REGISTRATION ($20 fee begins 9/1/99)	September 15

Withdraw From All Courses	Last Day
WITHDRAW WITH 100% REFUND (CANCEL)	August 31
WITHDRAW WITH 80% REFUND	September 15
WITHDRAW WITH 60% REFUND	September 22
WITHDRAW WITH 40% REFUND	September 29
WITHDRAW WITH 20% REFUND	October 6
WITHDRAW WITH 0% REFUND	December 14

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL.
SEE PAGE 17 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., September 15, 1999

+ Late Registration (with $20 fee) begins September 1, 1999.

* a "W" is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

FULL-TIME STATUS FOR UNDERGRADUATES IS DEFINED AS 12 OR MORE CREDITS

SEE PAGE 40 FOR POLICY

Call MARS to register for your Campus Parking Permit

PARKING REGISTRATION INFORMATION

WHO??

All students who plan to attend the University during the Fall 1999 semester and who plan to park a motor vehicle on campus should register with the Department of Campus Parking (DCP) for a parking permit. Students who are not registering for a parking permit must park at a paid meter or in a cashier attended lot.

WHEN??

You can register for your Fall parking permit through MARS (MARYLAND AUTOMATED REGISTRATION SYSTEM) by calling 301-403-0500, or at a MARS Kiosk beginning April 5, 1999.

HOW??

Read all the information below and then call MARS at 301-403-0500. Listen carefully to MARS instructions. When you select Campus Parking's Application in MARS you will have four choices, (1) to apply for a parking permit for the 1999-00 academic year (expires 08/30/00), (2) to listen to information concerning services available through Campus Parking, (3) to apply for a meter debit card. or (4) to apply for a Fall semester only parking permit (expires 1/26/00). If you register at a MARS Kiosk follow the directions on each screen.

① Before calling MARS for Parking Application read through and be prepared to answer the following questions:

? Do you want your permit mailed or do you want to pick it up at the DCP Office?
? Are you planning to live in the Graham Cracker Complex?
? Are you planning to live on Fraternity Row?
? Are you planning to live on campus?
? Do you have disabled parking privileges?
? Commuting senior and graduate students, would you like to participate in a lottery for lot 5? (Available April 5, 1999 through July 12, 1999).
? Are you planning to commute to UMCP? *(Junior, Senior & Grad Students be prepared to select a lot)*?
? Will you need a decal for a motorcycle?
? Will you need a decal for a convertible or "jeep" type canvas top vehicle?
? Are you a Golden ID Program Student?

② Call MARS at 301-403-0500. Listen carefully to MARS for application instructions.

NOTE: For your convenience DCP has four direct phone lines to MARS available for your use. These phone are located in the lobby of the DCP Office and are accessible during business hours.

✓ Select CAMPUS PARKING APPLICATION from the MARS Main Menu
✓ Press 1 to apply for a parking permit and/or meter debit card
✓ Listen carefully to MARS for further instructions

Please read the information below before applying for your parking permit.

1. Your student account will be charged after you register for parking. The registration fee for COMMUTING STUDENTS is $74.00 for the academic year (annual permit) and $44.00 for the Fall semester only. For CAMPUS RESIDENT STUDENTS the fee if $137.00 for the academic year and $82.00 for the Fall semester only permit. (The parking fees have not been approved and are subject to change.) Additionally, if you purchase a parking meter debit card your student account will be charged $20.00.

2. Undergraduate students' credit level for the Fall 1999 semester will be determined by adding together their University of Maryland accepted credits and credits taken during the current Spring semester.

3. Students will receive a specific lot assignment.

4. Undergraduate and graduate commuter student lot assignment is based on your credit level according to the following chart:

Credit level 0-27	(Freshman)	- Assigned to lot 4
Credit level 28-55	(Sophomore)	- Assigned to lot 4
Credit level 56-85	(Junior)	- Choice of lots 1,4,11, SDG (Stadium Drive Garage). Based on space availability
Credit level 86 +	(Senior)	- Choice of lots 1,4,11, SDG (Stadium Drive Garage). Based on space availability
Graduate Students		- Choice of lots 1,4,11, SDG (Stadium Drive Garage). Based on space availability

5. Students assigned to SDG must vacate the garage for scheduled football and basketball games.

6. Commuting seniors and graduate students who sign onto MARS for parking from April 5, 1999 through July 12, 1999 can select the option to be included in a lottery for parking lot 5 located in Regents Drive Garage (RDG). Students not selected for lot 5 will retain their confirmed lot assignment.

7. Golden Identification students can register through MARS for parking. Golden ID students will automatically be assigned a GI permit which allows parking in lots 1, 4, 5, & 11.

8. Campus residents with 56 or more credits will be assigned parking lot 1, 2, 4, 15 or 16 based on their campus residence address.

9. Campus resident students with 55 or less credits will be assigned a parking lot based on available space.

Fraternity Row		
	Credit level 0-27	Assigned to lot 4
	Credit level 28-55	Assigned to lot 16 (if available)
North & South Hill, Cambridge, Denton and Ellicott Communities		
	Credit level 0-55	Assigned to lot 2 (if available)
Graham Cracker Complex		
	Credit level 0-55	Cannot register through MARS. Contact DCP.

10. You can have your permit mailed to your permanent address on or after August 6, 1999. Or you may select to pick up your permit at the DCP Office beginning August 18, 1999. At this time you will also receive a "Campus Parking Map and Informational Parking Guide."

11. Students who have disabled parking privileges must register for their regular lot assignment parking permit through MARS and indicate that they have disabled parking privileges . *Read Disabled Parking below for information and instructions.*

12. DCP issues a decal to motorcycles and "jeep" type canvas top vehicles and convertibles. Students may choose to register either a motorcycle or canvas top vehicle, but not both types. Students with these types of vehicles will also receive a hanging permit.

SEMESTER PARKING PERMIT

Students will have the option to purchase a one-semester parking permit. This permit is designed for students who will graduate in December and non-graduating students who only plan to attend during the Fall semester.

PARKING METER DEBIT CARD

Students can purchase, through MARS, a pre-paid Parking Meter Debit Card which can be used at any campus electronic meter. Just insert the card in the meter and put the amount of time you need on the meter. When you return a refund of unused time (in increments of 30 minutes), can be returned to your card. You can purchase one of these cards for $20.00 (there is a one time nonrefundable $3.00 charge for the card, the actual meter value is $17.00). You can add value to this card (maximum of $50.00) and use it throughout the year(s). If you decide to purchase this card you can pick it up at the DCP office on or after August 18, 1999.

DISABLED PARKING

All persons associated with the University (including those displaying a State disabled permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. Only persons for whom the disabled parking privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking area.

BICYCLES AND MOPEDS

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Please contact the Department of Campus Parking on 301-314-PARK with any questions related to parking on the University of Maryland campus. Business hours of operation are Monday through Friday, 8:15 a.m. - 4:00 p.m., excluding University holidays.

EXAM SCHEDULE 15

A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director, or the dean of the department, non-departmentalized school or college as appropriate. However, a student's final course grade shall be based on a combination of assesments that is at least the equivalent of a comprehensive examination.

No final examination shall or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in this Official Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at the time listed in this Official Examination Schedule.

The University has no policy on the number of finals a student can take on one day. Students are strongly encouraged to check the final exam schedule before registering for courses.

For additional information, see Attendance and Assessment in this Schedule of Classes.

1. SPRING 1999 STANDARD FINAL EXAM TABLE

Exam Time	May 17 Monday	May 18 Tuesday	May 19 Wednesday	May 20 Thursday	May 21 Friday	May 22 Saturday
8:00-10:00	MWF 10	MWF 11 MW 11-12:15	MWF 9 MW 9:30-10:45	MWF 2 MW 2-3:15	MWF 1	MWF 12 MW 12:30-1:45
10:30-12:30	CHEM 103, 104, 113, 113H, 233, 243	TuTh 2 TuTh 2-3:15	TuTh 11 TuTh 11-12:15 BMGT 350	TuTh 12 TuTh 12:30-1:45	MWF 3 MW 3:30-4:45	TuTh 8 TuTh 8-9:15
1:30-3:30	BMGT 221, 311, 424 CMSC 114 HEBR 112	MATH 001, 002, 110, 111, 113, 115, 140, 141, 141H, 210, 211, 220, 221, 240, 241, 241C, 241H, 246, 246E, 246H STAT 100	BMGT 310, 332, 422 PHYS 161, 263 FREN 101, 102, 103, 203	AASP 100 JAPN 102 ECON 200 PHYS 262	TuTh 9 TuTh 9:30-10:45	CMSC 106 ENES 102, 220 RUSS 102, 202
4:00-6:00	BMGT 340 MWF 8	BMGT 364 BIOM 301	ECON 201 ITAL 101, 102 CMSC 150, 102, 251	CMSC 214 BMGT 301, 440	NFSC 100 TuTh 3 TuTh 3:30-4:45	BMGT 380
7:00-9:00	BGMT 220	GERM 101, 102, 103, 201, 202	TuTh 10	BMGT 350		TuTh 1

2. SPRING 1999 EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning at 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, May 18 at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday, May 20. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Tuesday, May 18. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. SPRING 1999 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

AASP 100
BGMT 220, 221, 301, 310, 311, 332, 340, 350, 364, 380, 442, 424, 440
BIOM 301
CHEM 103, 104, 113, 113H, 223, 243
CMSC 102, 106, 114, 150, 214, 251
ECON 200, 201
ENES 102, 220
FREN 101, 102, 103, 203
GERM 101, 102, 103, 201, 202
HEBR 112
JAPN 102
ITAL 101, 102
MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241C, 241H, 246, 246E, 246H
NFSC 100
PHYS 161, 262, 263
RUSS 102, 202
STAT 100

4. SPRING 1999 EXAMS FOR BGMT COURSES NUMBERED 600 & ABOVE

Final examinations for BGMT courses numbered 600 and above do not follow the schedule outlined in sections 1-3 above. These exams are generally three ho0urs in length. Exam dates and times will be announced in class.

1. FALL 1999 STANDARD FINAL EXAM TABLE

Exam Time	December 16 Thursday	December 17 Friday	Dedember 18 Saturday	December 20 Monday	December 21 Tuesday	December 22 Wednesday
*Alternate Snow Date**	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*	*To Be Announced*
8:00-10:00	TuTh 2 TuTh 2-3:15	TuTh 11 TuTh 11-12:15	TuTh 8 TuTh 8-9:15	MWF 1	TuTh 12 TuTh 12:30-1:45	TuTh 3 TuTh 3:30-4:45
10:30-12:30	MWF 11 MWF 11-12:15	CHEM 103, 113 233, 243	MWF 2 MW 2-3:15	TuTh 9 TuTh 9:30-10:45	MWF 10	MWF 12 MW 12:30-1:45
1:30-3:30	MATH 001, 002, 110, 111, 113, 115, 140, 140H, 141, 141H, 210, 211, 220, 221, 240, 241, 241C 241H, 246, 246E, 246H, STAT 100	MWF 9 MW 9:30-10:45	BIOM 301 ECON 200 ITAL 101, 102, 203	ECON 201 HEBR 111	BMGT 220, 340 GERM 101, 102, 201, 202 JAPN 101	BMGT 380 CMSC 114, 214 FREN 101, 102, 103, RUSS 101, 102
4:00-6:00	BMGT 350 TuTh 1	BMGT 311, 332, 424 ENES 220	BMGT 310, 422, 440 CMSC 150, 251	MWF 3 MW 3:30-4:45 NFSC 100	BMGT 364 CMSC 106 TuTh 10	MWF 8 MW 8-9:15

2. FALL 1999 EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning at 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. For example, classes scheduled on Tuesday, 4:15-7:00 p.m. have their exams on Tuesday, at 4:15 p.m. Classes scheduled on Thursday at 4:00 p.m. and later have their final exams on Thursday. Classes that meet both Tuesday and Thursday 4:00 p.m. and later should have exams on Tuesday, December 21. Exams will be given in regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. FALL 1999 COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above grid. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be announced in class.

AASP 100
BGMT 220, 310, 332, 340, 350, 364, 380, 442, 424, 440
BIOM 301
CHEM 103, 113, 223, 243
CMSC 106, 114, 150, 214, 251
ECON 200, 201
ENES 220
FREN 101, 102, 103, 203
GERM 101, 102, 201, 202
HEBR 111
JAPN 101
ITAL 101, 102, 103
MATH 001, 002, 110, 111, 113, 115, 140, 140H 141, 141H, 210, 211, 220, 221, 240, 241, 241C 241H, 246, 246E, 246H
NFSC 100
RUSS 102, 202
STAT 100

4. FALL 1999 EXAMS FOR BGMT COURSES NUMBERED 600 & ABOVE

Final examinations for BGMT courses numbered 600 and above do not follow the schedule outlined in sections 1-3 above. These exams are generally three ho0urs in length. Exam dates and times will be announced in class.

FINAL EXAM SCHEDULE SPRING 1999 & FALL 1999

TUITION, FEES AND OTHER EXPENSES

An Important Fee Notice. Although changes in fees will be ordinarily announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees- **(*Includes mandatory fees)**

[1]Full-Time Undergraduate Students, Maryland Residents 2,469.50

[1]Full-Time Undergraduate Students from The District of Columbia and all other states and other countries 5,913.50

PART-TIME UNDERGRADUATES- **(In-state $170.00 per credit hour. Out-of-state $456.00 per credit hour)**

CREDIT HOURS		1	2	3	4	5	6	7	8	9	10	11
*COST	In-state	368.00	538.00	708.00	878.00	1048.00	1281.00	1388.00	1558.00	1728.00	1898.00	2068.00
	Out-of-state	654.00	1110.00	1566.00	2022.00	2478.00	2934.00	3390.00	3846.00	4302.00	4758.00	5214.00

GRADUATE IN-STATE- **$272.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	461.50	733.50	1005.50	1279.50	1549.50	1821.50	2093.50	2365.50	2764.50	3036.00	3308.00	3580.00	3852.00

GRADUATE OUT-OF-STATE- **$415.00 per credit hour[2]**

CREDIT HOURS	1	2	3	4	5	6	7	8	9	10	11	12	13
*COST	604.50	1019.50	1434.50	1849.50	2264.50	2679.50	3094.50	3509.50	4051.00	4466.00	4881.00	5296.00	5711.00

*Includes all mandatory fees

Campus Point Plan (Dining Services) ..... Lite 1,160.00
Regular 1,260.00
Plus 1,360.00

Room, University Residence Hall. Maryland Residents/Non-Residents ..... 1,664.00[4]

Telecommunications Fee ..... 70.00[4]

Parking Registration Fee ..... Campus Resident 137.00
Commuter 74.00

Special Mathematics Fee (MATH 001/002) 200.00

Special Engineering Fee (ENCO/009) ..... 60.00[3]

Special COOP Fee (COOP/099) ..... 60.00[3]

Continuous Registration Fee (Doctoral Candidates) 10.00

Late Registration Fee (Beginning September 1, 1999) 20.00

Golden ID Card Program 171.50

Student Teaching Fee 240.00

Credit by Exam Fee:

All Undergraduate and Full-Time Graduate Students (per course) 30.00

Part-Time Graduate Students (per credit hour) ..... See Above

Audit courses are charged the same as a course taken for credit ..... See Above

Maryland English Institute-Intensive 4,266.00

Maryland English Institute-Semi Intensive Program 2240.00

Maryland English Institute-Pronunciation Program 579.00

Maryland English Institute-Fluency Program or Advanced Writing 771.00

ORIENTATION FEES:

Student One Day 73.00

Student Two Days 104.00

One Parent 38.00

Two Parents 76.00

[1]For billing purposes, Undergraduate Full-Time Status is defined as a registration for 12 credits or more

[2]A Student who has been admitted to the Graduate School will be charged the Graduate Credit Hour fee for all courses regardless of the level of the course

[3]An $18.00 fee will be charged for special course registration

[4]These are current term charges. Actual charges are expected to increase and will appear in the Second Edition.

These fees are subject to change

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents.

Tuition Plan

The University currently sponsors two payment plans for use in paying tuition, room, board and telecommunication fees. Enrollment for 1999-00 began in April 1999, and applications for the 1999-00 school year are available from the Student Financial Service Center.

NOTE: Students enrolling in payment plans should deduct all financial aid or be prepared to use aid to reduce the amount owed on a payment plan.

Questions for general information on payment plans can be directed to The Student Financial Service Center at 301-314-9000.

Tuition Notes

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration may be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration may be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS CAN ONLY BE ACCEPTED BY CALLING MARS AT 403-0500, AND SELECTING FINANCIAL INFORMATION FROM THE MARS MAIN MENU.

Although the University regularly mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1135 of the Lee Building, or by phoning 301-314-9000, if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. Students may also obtain their account balance by phoning MARS at 403-0500 from a touchtone telephone.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing and sent to the Office of the Bursar. It is emphasized that any portion of the bill not in dispute must be paid in accordance with the due date on the bill. All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

The state has established, under legislative mandate, a CENTRAL COLLECTION UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit. ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 17% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $41.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged $18.00. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $26.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates are charged a fee of $14.00. Graduate students are charged a fee of $5.50. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $115.00— Charged to all Full-Time Undergraduates. Part-Time Undergraduate and all Graduate Students are charged $30.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Shuttle Bus Fee: Refundable upon withdrawal $47.50 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $24.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal $124.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $66.50 The Stamp Union and Recreation Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Building Recreation Fee: Refundable upon withdrawal. $90.00 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $45.00. The Building Recreation Fee is paid into a fund which supports the construction and operation of Ritchie Coliseum and the new Campus Recreation Building.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of the Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $45.00 — Charged to all new Undergraduate Applicants. Those who have previously enrolled at the University of Maryland at College Park will not be required to pay the fee.

Graduate Application Fee: $50.00 required of all students.

***Pre-College Orientation Program Registration Fee:** $104.00 (two day program) $38.00 (one parent)
$73.00 (one day program) $76.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration before the first day of classes. Those who do not complete their initial registration prior to the first day of classes will be assessed this fee.

Special Fee for students requiring additional preparation in Mathematics. MATH 001 or MATH 002 — $200.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail a qualifying examination for these courses.)

A student enrolled in MATH 001 or MATH 002 concurrently enrolled for nine or more credit hours will be considered as a full-time student for purpose of assessing fees. Students taking only MATH 001 or MATH 002, pay for three credits plus the special fee. A 3-credit course plus MATH 001 or MATH 002 results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 099): $60.00 each

Engineering CO-OP Program (ENCO 099): $60.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Student Teaching Fee: All student teachers are required to pay a $240.00 fee for their entire student teaching experience.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students.

Vehicle Registration Fee: Commuters $74.00. Residents $137.00. Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $300.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00

For checks from $100.01 to $500.00: $25.00

For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 17% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $ .35 - Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day:$.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutilation of book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage will be pro-rated among the individuals involved.

Late Payment Fee: Students who fail to pay the balance due on their account are subject to an initial late fee of 5% of the outstanding balance or $10.00, whichever is greater. A 1.5% finance charge is assessed each month thereafter.

Architecture Studies Fee:$75.00

Landscape Architecture Key Fee: $25.00

Landscape Architecture Studio Fee: $200.00

Applied Music Fee: $200.00 (for all students in applied music courses)

Business & Management Student Fee: $283.50 full-time students; $187.00 part-time students. (These are current term charges. Actual charges are expected to increase and will appear in the Second Edition.)

Life *Science Lab Fee: $40.00 is assessed for most Life Science courses (per course charge).*

Please note that many graduate programs such as MBA, ENTS or Reliability Engineering have increased rates or special fees. Graduate students are advised to check with their department to determine these charges.

Student Financial Service Center is online at http://comptroller.umd.edu/bursar/

Billing Information

Bills for payment of fees are mailed in July and August to students who have registered prior to August 6, 1999 for Fall courses. Payment in full must be made by the dates in the following chart:

If you registered:	*Payment in full is due:*
by July 9, 1999	**August 6, 1999**
between July 10, 1999 and August 6, 1999	**September 3, 1999**
after August 6, 1999	**in person by September 10, 1999**

NO BILL IS MAILED FOR STUDENTS WHO REGISTER AFTER AUGUST 6, 1999. ALL CHARGES INCURRED AFTER AUGUST 6, 1999 TO SEPTEMBER 10, 1999 ARE DUE ON SEPTEMBER 10, 1999 WITHOUT EXCEPTIONS. PLEASE CONTACT THE STUDENT FINANCIAL SERVICES CENTER TO VERIFY THE AMOUNT OWED.

Accounts not paid by the appropriate due date are delinquent and subject to the assessment of a late payment of $10.00 or 5%, whichever is higher, and referral to the State Central Collections Unit in Baltimore and/or cancellation of registration. Students with Stafford Loans must pay their bill in full in the event their loan funds have not been received by the University by September 10, 1999.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:30 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check may drop the payment in the Bursar's Mail Remittances hallway drop slot in the Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA, MASTERCARD OR DISCOVER CARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. PHONE-IN PAYMENTS CAN BE MADE BY CALLING MARS at 301-403-0500.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 6, 1999 will be required to make full payment in person to the cashier by September 10, 1999 to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, PHONE PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions about their bills may obtain print-outs of their financial accounts by coming to Room 1135 of the Lee Building between 8:30 a.m. and 4:30 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collection Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.
FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN ADDING A LATE PAYMENT FEE OF $10.00 or 5%, WHICHEVER IS HIGHER PLUS A 1.5% MONTHLY FINANCE CHARGE, AND TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 17% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLECTION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.
MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Tuition Remission Policy (Spouse and Dependent Children)

The University Board of Regents approved a tuition remission policy in 1990 for spouse and dependent children of permanent employees (50% time or more). The policy provides full tuition for a first undergraduate degree for the spouse and dependent children of permanent full time (100%) employees. The spouse and dependent children of permanent part-time (50% or more) employees will be eligible for tuition remission based on the percent of time on the payroll. Restrictions apply for spouse and dependent children of permanent employees hired on or after January 1, 1990. In addition, tuition remission benefits for the spouses and dependent children of permanent faculty and permanent staff whose period of employment began on or after July 1, 1992 shall be available for a first undergraduate degree only after the faculty or staff member has been in the university services for two years prior to the anticipated date of registration for course work. Courses must be taken at the campus of employment. Forms are available at each campus personnel department. If using the benefit at UM, after obtaining the department head signature, the completed tuition remission form is to be forwarded, in a sealed envelope to the UM Personnel Services Department, Staff Benefits Office no later than July 1, 1999. If the established cap has not been reached by July 1, 1999, all forms submitted to-date will be approved, and forms will continue to be accepted and processed on a first-come, first-served basis until the cap is reached. If the student receiving the tuition remission drops classes or withdraws from the University, all or part of the tuition costs may be charged to the student. Questions regarding tuition remission for the spouse and dependent children of employees can be directed to the Personnel Services Department, Staff Benefits Office, 301-405-5658.

Leave of Absence

A leave of absence is available for students wishing to take time away from the University for personal or academic reasons with the intention of returning the next semester. The leave of absence status is especially helpful for recipients of Federal Financial Aid. The student is not considered to be withdrawn, and is still enrolled for purposes of deferring repayment of federal loans. The leave of absence is only available for the last 60 days of the semester, and the student must return the following semester.

Please note: For students using this for Financial Aid deferment, only one leave of absence can be granted in any 12 month period.

With an approved leave of absence the student may automatically return the next semester, and all registration privileges will be extended. Additional information and forms for applying for a leave of absence are available from Student Services, Room 1101 Mitchell Building, University of Maryland at College Park, College Park, MD 20742.

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Petition for Release from the Residence Halls/Dining Services Agreement below.

September 1 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form. If unable to report in person, send a letter to Room 1101, Mitchell Bldg. University of Maryland, College Park, MD 20742 or send a fax request to (301) 314-9568
2. Withdrawal becomes effective on the date the form is filed with the Registrar's Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent **record.**
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Registrar's Office.
4. Refer to the chart below for refund information. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of tuition and fees for Withdrawal from All Courses

		Undergraduate Resident	Undergraduate Non-resident
On or before August 31	100%	2469.50	5913.50
September 1-15	80%	1975.60	4730.80
September 16-22	60%	1481.70	3548.10
September 23-29	40%	987.80	2365.40
September 30 - October 6	20%	493.90	1182.70
October 7 and later	0%	0.00	0.00

NOTES:
1. Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.
2. Students receiving Title IV funds will have their refunds calculated in accordance with Federal Regulations.
3. In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.
4. Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Petitioning for Release from the Residence Halls/Dining Services Agreement

Once a student has submitted a Residence Halls/Dining Services Agreement to the Department of Residence Life, he/she is expected to use and pay for on-campus housing and meal services for the entire 1999-2000 academic year.

Different procedures apply for returning residents than for new students who change their plans and want to be released from this Agreement. Please refer to the Cancellation and Refund section of the Agreement for full information about deadlines and cancellation fees, or contact Resident Life by phone at 301-314-2100 or e-mail at reslife@umdacc.umd.edu.

Returning Resident Students

Beginning April 1999, once they have chosen a room with standing as Returning Residents according to Resident Life's procedures, and through May 2000, residents must petition Resident Life for release from the Agreement and are no longer elegible to simply request cancellation of the Agreement. Petitions are written requests with supporting documentation which establish that the Returning Resident is not able to fulfill his/her obligation to the Agreement because of:

- withdrawal from classes
- graduation
- transfer to another institution/disenrollment
- marriage
- student teaching placement or co-op work in conjunction with a University-sponsored accredited program
- Study Abroad, Honors Exchange, National Student Exchange
- other conditions stipulated in Resident Life's Procedures for Release from the Agreement brochure.

Petitions and supporting documentation must be submitted to Resident Life, 2100 Annapolis Hall, by the dates indicated below in the chart.

New-to Housing Students

For new-to-residence halls students (i.e. no prior semester of occupancy), release from the Agreement will be approved when a new resident's signed request for release is received by Resident Life on or before July 7, 1999 (or December 6, 1999 for individuals new to housing for the Spring 2000 semester). If notice is received after these dates and before keys are issued, the individual, regardless of his/her University Status, will be charged a release fee:

Notice for Fall 1999	**Amount of Charges**
By July 7, 1999	No release fee
July 8-21, 1999	1/2 week's housing cost
July 22- August 4, 1999	1 week's housing cost
August 5-18, 1999	1 1/2 weeks' housing cost
After August 18 1999 and prior to check-in	2 weeks' housing cost

Notice from ENTERING Spring 2000 Resident	**Amount of Charges**
By December 6, 1999	No release fee
December 7-20, 1999	1/2 week's housing cost
December 21-January 3, 2000	1 week's housing cost
January 4-17, 2000	1 1/2 weeks' housing cost
After January 17, 2000 and prior to check-in	2 weeks' housing cost

New residents' requests for release must be sent directly (certified mail suggested) to:
Resident Life Assignment Office
2100 Annapolis Hall
College Park, MD 20742-9819

All Resident Students:

After a student claims services (i.e., keys issued), payments for housing, dining and resident telecommunications services are not refundable until and unless the student petitions, receives written approval for and effectively completes release procedures as stated in the Agreement and Resident Life's Procedures for Release document.

(a) Petitions for release- effective at the end of the Fall semester or the start of the Spring semester - must be submitted to Resident Life before 4:30 p.m., December 6, 1999 in order to avoid incurring the charges identified in the chart above in the event the request is approved by Resident Life.

(b) Requests for release from the Agreement which are to be effective Spring 2000 will not be approved after the first day of the Spring semester classes except for reasons of disenrollment.

STUDENT FINANCIAL AID

General Regulations Governing Receipt of Aid

Any student receiving financial aid who is contemplating dropping credits should see his or her Financial Aid Counselor before taking such action. Students receiving certain types of financial assistance are expected to attempt or maintain a minimum semester credit load in order to keep the full aid award (see the *Financial Aid Award Guide* for specifics). Neither credit earned by examination nor courses taken as "audit" can be counted toward the minimum credit level. If the recipient's enrollment level drops below the minimum requirement, the aid is automatically reduced or canceled. The student is then responsible for paying any resulting balance on his or her student account. Failure to pay the balance in a timely manner may lead to assessment of late fees and finance charges, or to severance of services by the University.

A student who has not received final approval of a financial aid award and accepted the award should expect neither a credit on his or her account nor a check at the time of registration. Unless financial aid has been awarded to and accepted by the student, no deferment of the bill will be granted, and the student should be prepared to pay his or her bill by the first day of classes.

Students sponsored by an agency or employer remain responsible for their fees. When payment is not received by the University from the sponsor, the student will be charged.

Students who register early will have their bills mailed to them. Students enrolling during Walk-In Registration will complete an estimated bill form at registration time. The following information may be helpful:

1. All accepted aid, except Federal PLUS Loans, Federal Work-Study, and National Merit Scholarships, will be credited directly to the student's account when the student has completed all paperwork to accept the award (see below). Checks for any credit remaining on the account after all charges are paid will be automatically requested for those students receiving financial aid. If awarded financial aid has not been credited on the early registration bill, deduct the approved and accepted financial aid amount for the semester, and pay the remaining balance.
2. Refund checks will be mailed to your mailing address or electronically transferred to your bank account, depending upon what arrangements you have made with the Bursar's Office.
3. Dining Hall Workships will be credited to the bill after the recipient signs a Workship contract with Dining Services.
4. Federal Work-Study and other university student employment will be paid to the student bi-weekly as work is performed.
5. Students who are awarded Federal Perkins Loans must sign promissory notes and associated forms each award year in order for the loan funds to be credited to their student accounts. The funds cannot be disbursed if the student has not completed these forms. Students who have been awarded Federal Perkins Loans will have promissary notes mailed for signatures and should return completed forms to the Office of the Bursar to receive credit.
6. **Students contemplating a withdrawal should consult a Financial Aid Counselor prior to the withdrawal. Aid may be cancelled or prorated based on attendance.**

Satisfactory Academic Progress Policy for Financial Aid

The Office of Student Financial Aid (OSFA) is required by federal and state regulations to monitor the academic progress of potential and current financial aid recipients. Applicants must comply with the Satisfactory Academic Progress Policy as a condition of initial or continuing eligibility. The policy described below became effective June 1, 1996.

Financial aid programs which are affected by the Satisfactory Academic Progress Policy include (but are not limited to) Federal Pell Grant, Federal SEOG Grant, Federal Work-Study, Federal Perkins Loan, the Federal Family Education Loan Programs (Stafford and PLUS), UM Grants, Frederick Douglass Grants, and UM Scholarships, Guaranteed Access Grants and Educational Excellence Grants, House of Delegates, and Senatorial Scholarships.

Satisfactory Academic Progress for undergraduates is measured in three areas: An adequate grade point average, successfully completing the required number of credits per year, and receiving a degree in a timely manner. The specific policy requirements of each area are listed below.

1. Minimum Grade Point Average

Undergraduate students must maintain the required grade point average (GPA) necessary to continue as degree candidates at the University of Maryland, College Park. Therefore, they must maintain an academic standing consistent with the University's retention policy as defined by the Registrar and outlined in the Undergraduate Catalog.

Students who are on "Academic Warning" due to their GPA may receive aid. Should a student fall to "Academic Dismissal" status, he or she will be considered ineligible for financial aid until readmitted through the Re-enrollment Office. (0017 Mitchell Building, 301-314-8382). Any appeals for readmission should be sumitted to the Reenrollment Office.

2. Minimum Credit Requirement

Undergraduate students with less than 30 hours attempted at UM

Non-transfer undergraduate students with less than 30 hours attempted at UM must have successfully completed at least 50% of all hours attempted at UM. Failure to meet this requirement will result in an immediate suspension of financial aid eligibility. A student with a completion rate above 50% but below 70% will receive a warning.

Any student whose aid eligibility is suspended for failure to meet SAP standards has the right to submit a written appeal if there are mitigating circumstances.

Undergraduate students with more than 30 hours attempted at UM:

All undergraduate students with more than 30 hours attempted at UM must have successfully completed at least 70% of all hours attempted at UM. Failure to meet this requirement will result in a warning after the first occurrence and suspension of financial aid eligibility if the requirement is not met after two consecutive years.

Any student whose aid eligibility is suspended for failure to meet satisfactory academic progress standards has the right to submit a written appeal if there are mitigating circumstances.

What Counts as a Successfully Completed Credit?

Successful credits which do count toward the Minimum Credit Requirement are those courses graded with "A", "B", "C", "D", "S", or "P". Withdrawn ("W" grades), Incomplete ("I" grades), No Grade ("NG" grades), Fail ("F" grades), Unsatisfactory ("U" grades) and Audit courses do not count toward the Minimum Credit Requirement. Non-credit remedial courses do count toward the Minimum Credit Requirement, provided that the classes are required for the student's degree program. Repeat courses do not count if the classes are taken to improve passing grades, but do count if the classes are taken to replace failing grades.

Identification and handling of violators:

Probation: The OSFA will review the academic progress of all university students who apply for federal aid. Students not meeting the Minimum Credit Requirement will be notified that they are ineligible for financial aid or that they have been placed on SAP Probation. This notification will be mailed to students yearly, prior to the fall semester's open registration period.

If a student is placed on Probation, he or she **will** be allowed to receive financial aid for the next academic year. At the end of the probationary year, the student must meet the **Minimum Credit Requirement.** Students who fail to meet the Minimum Credit Requirement at the end of the probationary year will be placed on SAP Suspension.

Suspension: A student whose eligibility has been suspended may not receive any Finacial Aid until he or she **makes up the full credit deficit** with courses at UM at his or her own expense. When the student meets the Minimum Credit Requirement, financial aid eligibility will be reinstated.

Appeals:

If a student is placed on **Probation**, he or she does not need to appeal, because financial aid eligibility has not been revoked. If the student successfully makes up the credit deficiency, he or she will automatically be taken off Probation.

If a student is placed on **Suspension** and there were extenuating circumstances that caused the violation the student may submit an SAP appeal. Extenuating circumstances are defined as environmental conditions outside of the student's control, and all appeals must include third-party documentation of these circumstances. SAP Appeal forms are available from the Financial Service Center and on the Financial Aid web site at: www.inform.umd.edu/FIN.

3. Maximum Time Frame

Undergraduate students must earn their degree, regardless of their program of study, within their **first one hundred-eighty (180) attempted credit hours.** Students who have not earned a degree within their first 180 attempted credits, whether they received financial aid or not, must attempt any additional credits at their own expense.

Transfer Credits

Up to sixty transfer credits that fulfill their UM degree requirements will count toward the Maximum Time Frame limit. Transfer credits above sixty credit limit will not count toward the Maximum Time Frame.

Violators of the Maximum Time Frame cannot receive additional financial aid until they successfully complete their current degree programs and become accepted into new programs.

Appeals

There is very little flexibility in the Maximum Time Frame Policy. However, students who feel that their individual circumstances warrant review should submit an SAP appeal form or make an appointment to discuss their situation with their Financial Aid Counselor for advice on how to appeal.

Questions

Students who have questions about SAP policy and financial aid eligibility should contact their Financial Aid Counselors.

Contact Financial Aid

Online at http://www.inform.umd.edu/FIN/ to:

- Check your loan status
- Check your bill
- Check your financial aid status
- Complete your loan entrance interview
- Find a workstudy job
- Search for scholarships
- E-mail us (umfinaid@umdacc.umd.edu)

SAP forms are available from the Student Financial Service Center and on the Student Financial web site at www.inform.umd.edu/FIN/.

ACADEMIC INFORMATION TECHNOLOGY SERVICES

Non-Credit Training Courses (Fall 1999)

Academic Information Technology Services offers a series of training classes scheduled during evening and weekend hours. Classes in the use of workstations are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.
The classes include: Introduction to Windows 95, Introductory and Intermediate Excel, Introductory and Intermediate Unix, and Introductory Microsoft Word, PowerPoint and PageMaker. Additional classes on Internet Technologies (including e-mail, ftp, and listserv), web surfing, HTML, Photoshop, Mathematica, and MatLab are also offered. Instructors for the classes are computer experienced students. Call 301-405-2940 for scheduling information. There is a $10 fee for each class and many classes have prerequisites. See the Peer Training web site at www.inform.umd.edu/PT to register.

WAM Labs

Workstations at Maryland (WAM) labs are Academic Information Technology Services operated open workstation labs equipped with IBM PC, Macintosh, and SPARCstation workstations, operated as stand-alone systems or connected to remote computer systems. All of the labs have one or more Hewlett Packard 600 dpi laser printers to which students, with print authorization, can direct printed output. These labs are open to anyone in the College Park university community and most are open 24 hours daily, or as posted, during the regular university semester.

WAM lab locations and hardware and software availability are noted in the free handout, "Where to Go to Use a Computer" (available from the aITs Information Technology Library, aITs room 1400 , or electronically at http://www.inform.umd.edu/WhereToGo). Color Apple scanners and scanning software can be found in the EPSL, Hornbake, Parking Garage II, and Worcester WAM labs. Students with floppy disks will find 5.25" drives in the Centreville.

Students can also apply for free computer accounts (called WAM accounts) that will give them access to electronic mail and networked file storage. From any networked computer, telnet to wam.umd.edu and type *register* at the login id. A series of onscreen directions and prompts will lead students through the electronic registration process.

A.V. Williams, Room 1120	7am-11pm	SPARCstations
Centreville, room 0200	open 24 hours daily	PCs, Macintoshes, SPARCstations
aITs, rooms 3330, 3332, 4352	7am-Midnight daily	PCs, Macintoshes, SPARCstations
EPSL, Math room 2403	open Library hours	Macintoshes, SPARCstations
Hornbake, room 0300	open 24 hours daily	PCs, Macintoshes
Parking Garage II, room 0504	24 hours daily	PCs, Macintoshes, SPARCstations
Worcester, room 0111	24 hours daily	PCs, Macintoshes, SPARCstations

A. JAMES CLARK SCHOOL OF ENGINEERING

Engineering Co-op & Career Services 1131 Engineering Classroom Building, (301)405-3863, co-op@eng.umd.edu (e-mail), www.coop.engr.umd.edu (web site)

Whether it's to wire robots in a car plant, monitor a waste water management project, or reformulate cough syrup for a pharmaceutical company, our office assists students in finding cooperative education, internship, summer, and part-time engineering positions.

Cooperative Education, Internships, and Summer Employment:

Through the Cooperative Education (Co-op) Program, students alternate semesters of full-time work and full-time study for approximately 50 weeks of work. Students are eligible to participate after near completion of their sophomore engineering requirements. Through the summer and part-time internship programs, students work full-time during the summer or part-time during the school year. Both programs provide students the opportunity to gain professional level experience, integrate theory and practice, confirm career choices, and help finance their education.

Application Process: To apply, students attend an orientation session and complete a TERP Disk that includes their resume. Workshops on completing the disk and interviewing skills are offered weekly. All students also receive a comprehensive handbook and a monthly newsletter that highlights job search tips, student work experiences, and office announcements.

Job Listings and On-Campus Interviews: All open positions and all on-campus interview schedules are posted on our 24-hour, on-line job listing system, TERP Online. This system is accessible through our home page on the World Wide Web. In addition, students have the opportunity to meet employers by participating in our job and career fairs.

COLLEGE PARK SCHOLARS PROGRAM (CPS)

(www.inform.umd.edu/SCHOLAR/)

CPS was developed to acquaint first and second-year students with the rich texture of academic life at the university. The program encourages students who share common intellectual interests to study together in courses organized around common themes and to live together in selected resident halls. CPS provides a focus for study, advising, and a variety of educational and social activities. Upon the successful completion of the program, the university will recognize the student's participation with a citation and an official notification on the student's transcript. If you are interested in the program or want more information about a particular program, please contact the programs directly:

- **CPS Executive Director, Dr. Katherine McAdams, 301-314-2777**
- **CPS Advocates for Children, Dr. Al Gardner, Director, 301-314-5909**
- **CPS American Cultures, Dr. Lillie Ransom & Dr. Jo Paolatti, Co-Directors, 301-314-1513**
- **CPS Art, Edward Walters & Dr. Susan Anthony, Co-Directors, 301-405-0522**
- **CPS Business, Society and the Economy, Dr Martin Gannon, Director, 301-314-7216**
- **CPS Earth, Life and Time, Dr. Thomas Holte, 301-214-2777**
- **CPS Environmental Studies, Dr. Bruce James, Director, 301-314-1519**
- **CPS International Studies, Dr. Lois Vietri, Director and Dr. Dorith Grant-Wisdom, Associate Director, 301-405-0529**
- **CPS Life Sciences, Dr. Lee Hellman, Director, 301-405-0528**
- **CPS Media, Self, and Society, Dr. Steve Barkin, 301-314-2777**
- **CPS Public Leadership, Dr. Hugh O'Doherty, Director, 301-314-8657**
- **CPS Science, Discovery and the Universe, Dr. Lucy McFadden, Director, 301-314-9476**
- **CPS Science, Technology, & Society, Dr. James Wallace, Director, 301-405-0527**

COMMUNITY SERVICE PROGRAMS

Community Service Programs serves as a clearinghouse of information about community service opportunities in the Washington metropolitan area. A computerized database that can be accessed through our website provides up-to-date information about community service opportunities for individuals and groups. An extensive series of handouts, a monthly newsletter, and a computerized list-serv featuring service opportunities are also available. The office is located in Commuter Affairs and Community Service, 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m. with extended hours on Wednesday until 8:00 p.m. For more information call 301-314-CARE or visit the web site, http://www.inform.umd.edu/CSP.

CONSORTIUM OF THE UNIVERSITIES OF THE WASHINGTON METROPOLITAN AREA

The Consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland, College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "resident" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduate or undergraduate student may participate in this program according to the following stipulations.

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.
c. Continuing Education courses cannot be taken through the Consortium program.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for University of Maryland, College Park Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other Consortium schools.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium.

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable University of Maryland, College Park department if the course is outside the major department.
   c. The student's dean.
4. Practica, internships, workshops and similar experiential learning courses cannot be taken at other Consortium schools.
5. Comparable courses offered at University of Maryland, College Park may not be taken through the Consortium. The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for University of Maryland, College Park Students

1. Contact the Consortium Coordinator at the institution to be visited. This will determine if the course is open to Consortium students and if there are any special conditions, e.g., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the Consortium Coordinator in the University of Maryland, College Park Registration Office, Room 1101 Mitchell Bldg. 301-314-8239 to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the University of Maryland, College Park Consortium Coordinator. Permission will not be granted if a comparable course is offered at University of Maryland, College Park.
4. Pass/Fail or audit grading options are not permitted for Consortium courses.
5. A Consortium Registration Form will be filled out with the Consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course

to confirm enrollment, but keep the card.

8. If the course is cancelled or if you change or drop the course, immediately contact the Consortium coordinator at the University of Maryland.
9. University of Maryland course change deadline apply for students visiting other Consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.
11. Courses taken for credit through the Consortium in the student's final thirty hours must have prior approval from the student's college dean.

NOTE - ***1) Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.***

2) Only a maximum of 16 credits of ROTC course work may be applied toward a College Park degree.

B. Procedure for Visiting Students

Students from other Consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 1, 1999 for the Spring semester. Visiting Consortium students are not eligible to register for Instructional Television, Continuing Education, or professional education courses.

Students will be expected to meet all course prerequisites of University of Maryland, College Park. Also, prior approval will be required for courses restricted to special University of Maryland, College Park majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see "How to Read Course Listings." Visiting students must register at both their home campus and at University of Maryland, College Park.

1. Contact the University of Maryland, College Park Consortium coordinator at 301-314-8239, room 1101 Mitchell Bldg.
2. Fill out a Schedule Request form with requested courses. A visiting student cannot audit any University of Maryland, College Park courses.
3. Present the third copy of the Consortium Registration Form completed by your home campus to the University of Maryland, College Park coordinator.
4. The coordinator will officially register you for the University of Maryland, College Park courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.
5. If the course is cancelled, or if you change or drop the course, immediately contact the Consortium coordinator at the visiting campus and your home campus.

Dates Classes Begin for Consortium Schools

American University	August 30
Catholic University	TBA
Gallaudet University	TBA
George Mason University	August 30
George Washington University	August 23
Georgetown University	September 1
Howard University	TBA
Marymount University	September 1
Mount Vernon College	August 23
Trinity College	TBA
University of the District of Columbia	TBA
University of Maryland, College Park	September 1

GOLDEN IDENTIFICATION CARD PROGRAM

The University of Maryland participates in the Golden Identification Card Program. This program allows eligible senior citizens to take advantage of the wide variety of course offerings. To be eligible for participation the individual must be 60 years of age or older, a legal resident of the State of Maryland and retired (not engaged in gainful employment for more than 20 hours a week). Application is made through the Office of either Undergraduate or Graduate Admissions. The appropriate application fee will be assessed; tuition is waived. A fee of *$171.50 is charged each semester. This fee is the same fee that is charged to all part-time undergraduate students less the health, student activities, and athletic fees. Golden ID students register on a space available basis for a maximum of three courses during the first week of classes. Golden ID students must meet all course prerequisite and co-requisite requirements. The Golden Identification Card, with a current semester registration card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non-academic services. Such services will be available during any session only to persons who have registered for one or more courses for that session. Golden ID students are not eligible for Consortium courses or Continuing Education.

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising. Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 301-314-8385, or the Golden ID Student Program, 1st Floor Mitchell Bldg. 301-314-8219. *Fee at time of publication

INTER-INSTITUTIONAL REGISTRATION PROCEDURES

Undergraduate students have the opportunity to take courses at other University of Maryland System Institutions (host institution) to augment their degree program at University of Maryland, College Park (home institution) under the Concurrent Inter-Institutional Registration program. Students may take courses at the system schools listed below provided they meet requirements of the program.

System Institutions Include:

Bowie State University	University of Baltimore
Coppin State College	University of Maryland at Baltimore
Frostburg State University	University of Maryland Baltimore County
Salisbury State University	University of Maryland, College Park
Towson State University	University of Maryland Eastern Shore

NOTE: Inter-Institutional Concurrent Registration is not available at University College for University of Maryland, College Park Students.

Program Requirements:

To participate in the program University of Maryland, College Park students must:

a. have sophomore standing

b. be in good academic standing

c. be enrolled full-time in a degree program at University of Maryland, College Park for the semester in which the course(s) are taken. Full-time status is defined as a combination of credits registered for at College Park, and the registered credits at the host institution.

d. have approval from their dean for the course to count as resident credit

e. comply with the host institution's registration procedures and deadlines

Enrollment in courses is on a space available basis and visiting students are expected to meet prerequisites or other criteria set by the host institution. Tuition and fees are paid at the home institution, however, fees at the host institution associated with special courses may be assessed. Continuing Education courses cannot be taken.

Registration Procedures:

1. Obtain an Inter-Institutional Registration form from the Special Programs Coordinator in Room 1101 Mitchell Building.
2. Complete form and have course approved by your college dean.
3. Return form to Special Programs Coordinator for verification and approval. Retain a copy of the approval form for registration at the host institution. (The Special Programs Coordinator can provide information about registration dates and times at other University of Maryland System institutions.)
4. Contact the program coordinator/registrar at the host institution to inquire about and arrange for registration. Registration will be according to the host's institutional policies and deadlines. Special permits, parking or other fees at the host institution are the responsibility of the student.
5. Upon completion of the course, the host institution will forward an official transcript to the home institution reflecting the grade(s) earned in the course(s) taken there. Records and Registrations will post the grade(s) to the student's record and note that the course(s) were taken as part of the Inter-Institutional program, and where. Course grades will be calculated in the student's g.p.a. and academic totals at University of Maryland, College Park.

Complete procedures can be found on the University of Maryland System, Application for Inter-Institutional Enrollment form available from Jeff Bowling, Special Programs Coordinator, Room 1101, Mitchell Building, 301-314-8239.

MARYLAND ENGLISH INSTITUTE (MEI)

Would you like to improve your English language skills?

Register for an MEI class!

The Maryland English Institute (MEI) offers English as a second language courses for beginning through advanced students.

What courses does MEI offer?

- Writing, grammar, reading, listening, pronunciation, and oral communication skills courses
- Full or part-time enrollment options

Who is eligible for MEI courses?

- International students and scholars and their families

Want to know more?

- Call the Maryland English Institute at 301-405-8634. Or, drop by the MEI office in Taliaferro 2140.

Visit us on the WEB at http://www.inform.umd.edu/ARHU/Depts/MEI

ROTC

ROTC courses are available to University of Maryland students through several programs:
University of Maryland, College Park Classes
- Air Force ROTC

Contact Col. Newton at 301-314-3245 for program information.

D.C. Consortium Program
- Navy ROTC at George Washington University
- Army ROTC at Georgetown University

Registration is through the D.C. consortium Program. Contact University of Maryland Consortium Coordinator at 301-314-8239. (Note- a maximum of 16 credits of ROTC courses may be applied toward a College Park degree)

Concurrent Inter-Institutional Registration
- Army ROTC at Bowie State University Campus
- Army ROTC through Bowie State (these classes are offered on the College Park campus, but taught by Bowie State instructors). Contact Major Baker, 301-464-6692 at Bowie State for program information.

Registration is through the Inter-institutional program that includes University of Maryland System Schools. Contact the Special Programs Coordinator at 301-314-8239.

STUDY ABROAD

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions. Early planning is strongly encouraged.
Study in London: The curriculum consists of courses in the humanities, business, social sciences and sciences. Students live in dorms, in flats with other program participants or with a British family. Fall and Spring semesters.

Study in Nice, France: Offers French language courses for foreigners and regular courses at the University of Nice for students with sufficient French language background. Students may live in a university dorm, in an apartment with other program participants, or with a French family. Year or spring semester.
Study in Mexico City: Students take spanish language and Latin American studies courses. Students live with a Mexican family or in apartments. Fall semester.
Study in Alcalá, Spain: Offers Spanish language and culture studies at the University of Alcalá de Henares. Students may also enroll in an internship or in a course in Spanish literature, business or civilization. Students may live in university residence halls with Spanish students or with a Spanish family. Spring Semester.
Study in Tel Aviv, Israel: Offers a semester of study in Israel. Students attend Tel Aviv University where they take courses taught in English that focus on Israeli and Middle East studies. Fall and Spring semesters.
Study in Rome, Italy: Students take courses in English at the American University of Rome. AUR offers instruction in the liberal arts, business, Italian language and culture, and international relations. Students live in shared apartments. Fall and spring semesters.
Study in Brazil: Offers a summer and fall semester at the Catholic University of Rio de Janeiro to take regular university courses offered in Portuguese.
Denmark's International Study Program: Maryland acts as a coordinator for DIS in Copenhagen, which offers courses in English focusing on humanities and social sciences, engineering, international business, marine biology and environmental studies. Students are housed with families or in dorms. Fall and spring semesters.
German and Engineering: As part of a dual degree program, students spend six months in Germany studying the language and completing an internship with an engineering company. A two month intensive technical German language study is followed by a four month paid internship in Germany. Spring semester.
Winterterm programs: For 1999 the following programs will be offered: Students can study sustainable tropical agro-ecosystems in Costa Rica; issues of nationalism, socialism and democracy in Cuba; business politics and the European Union in Germany; social change and mobilization in Mexico; and political, cultural and economic life in Vietnam.
Summer programs: For 1999 the following will be offered: Study architecture in Europe. Improve your language skills by studying German language and culture in Kassel, Germany, Spanish language in Taxco, Mexico, and advanced Spanish language in Spain. Honors students may take a survey course of British history, culture and literature in England.
Maryland Exchanges: The Study Abroad Office administers reciprocal exchanges with specific universities overseas. These exchanges are often related to academic departments and require extensive language or academic background. All the exchanges require at least a 3.0 grade point average and many offer tuition waivers. Exchanges are available in Austria, England, Germany, Japan, Korea, Spain, and Sweden.
FOR INFORMATION CONTACT: Study Abroad Office, 3125 Mitchell Building, 301-314-7746. E-mail: studyabr@deans.umd.edu.
URL: http://www.inform.umd.edu/INTL/studyabroad

UNDERGRADUATE RESEARCH ASSISTANCE PROGRAM

Interested in Research, but don't have a lot of time?? Try URAP.

The Undergraduate Research Assistance Program provides opportunities for students to work closely with faculty from across the University on their research projects. URAP students provide 4-5 hours/week of time.

What do you get?

- An introduction to research in an area of interest to you
- Close contact with a faculty member
- A notation on your transcript that includes the title of your project

Where can you get more information?

- Check out our website at http://www.inform.umd.edu:8080/EdRes/UgradInfo/UgradStudies/URAP
- Drop by 2130 Mitchell Building to pick up a brochure containing hundreds of projects with faculty interested in working with you

Juniors - Start thinking about NEXT summer now! Senior Summer Scholars provides a stipend for full time research projects in Summer 1999. Come to the Summer Scholars Forum in early October to find out what the Seniors have accomplished during their summer break. Day and time will be announced in the Fall. Look for signs!

URAP-aITS AWARD

A competetive award sponsored by Academic Information Technology Services and the Office for Undergraduate Studies for URAP students using computers and information technology in their projects.

For URAP students doing projects that make innovative or creative use of computers and information technology. Up to two $500 awards will be given each semester. Applications
are available in room 2130 Mitchell Building.

WORLD COURSES FOR FALL 1999

The Undergraduate Program at University of Maryland, College Park offers unique interdisciplinary courses to first and second year students. These courses, called the World Courses, are broad in concept, cross-disciplinary, contemporary, and exciting. They are focused on big issues of the world in which we live, and will be team-taught by outstanding teachers. The World Courses are approved for CORE Distributive Studies credit in the appropriate categories, and are designed to meet twice a week as a large lecture (with approximately 150-200 students) and once a week in 25-student discussion sessions. During Fall 1999 the following World Course will be offered:

GEOG/GEOL/METO/PBIO 123 - CAUSES AND IMPLICATIONS OF GLOBAL CHANGE. 3 credits; no prerequisites. CORE Physical Sciences, non-lab (PS)

This course offers a unique opportunity for in-depth study of two global change issues from different scientific perspectives. Faculty integrate the physical, chemical, geological and biological sciences to understand ozone depletion and global warming. Students will gain an understanding of the basic scientific issues, as well as an appreciation of their economic, social and political effects. The course will be led by outstanding professors from the University's Departments of Geography, Geology, Meteorology and Plant Biology. There will be two lectures and one discussion. Please see listing under GEOG/GEOL/METO/PBIO 123.

BIOSPHERE 2 "SEMESTER ABROAD" INTERNSHIP

Bioshpere 2 is a research and learning center that allows students to explore how the environment affects their lives and how they affect the environment. Sponsored by Columbia University, Biosphere 2 is located in the high-desert country of Tuscon, Arizona and is the world's largest glass enclosed ecological laboratory. One of the primary goals of Biosphere 2 is to focus on issues related to Earth systems planning and management.

The Earth Semester
The Earth Semester program is thematically organized around the issues of climate change, biodiversity and water management in order to present the basic sciences (biology, chemistry, physics, and geology) economics, and policy of Earth Systems within an integrated, problem-oriented framework. These issues provide the thematic "glue" that binds together all of the program's activities, including team-taught lectures, project-based modules and labs, field trips, and independent student research. Students are challenged to integrate their knowledge from the various disciplines by engaging in discussions, in writing papers, designing computer modules, etc.

Credits: A total of 16 Columbia University credits will be awarded for the Biosphere 2 semester. These credits will be transferable to the University of Maryland and several will count toward CORE requirements.

College Park Scholars Program Students: The CPS program limits participation to juniors and seniors. Contact Dr. Katherine McAdams, Acting Executive Director, 301-405-0531 for more details.

Honors Program Students: Contact Mr. Dean Herbert, Advising Coordinator, 301-405-6775, for information.

Requirements: University of Maryland students must have at least a 3.0 GPA and sophomore standing prior to registering for Biosphere 2. Additionally, students must have completed at least one lab science and one college-level math course prior to attending.

Program costs:
Tuition - $4,500 paid by student + $3,000 UM subsidy = $7,500
Room and Board - $2,500 paid by student
Books, supplies and fees are estimated at $400

Travel: the cost of travel to and from Biosphere 2 is the student's responsibility.

Application: Students should meet with their major advisor before applying. If you are interested in the program for a future semester please contact:

Dr. Bruce James
0207 Symons Hall
301-405-8571
bj5@umail.umd.edu

22 FIRST YEAR FOCUS

COURSE CLUSTERS

The experience of becoming a student at a busy university is always exhilarating-and sometimes a bit daunting. One of the best ways to thrive as an undergraduate-whether at a small liberal-arts college or a large university like Maryland-is to find groups of people who both share your interests and challenge the ways you think. First Year Focus is a group of innovative programs and related academic activities designed to help students to connect to a large and diverse university campus by allowing them to quickly find a small number of other first year students who have similar interests. The program design elements have been based on the results of national and campus studies about ways to help students enjoy and successfully complete their university education. The program includes learning communities, course clusters or a group of courses, courses linked to study groups as well as other related academic activities. The different types of communities offer different topics and varying levels of involvement. Some programs are open to specific majors only while others are available without regard to major.

First Year Clusters are open to first-year students with the exception that Honors and College Park Scholars students may not register for courses listed under First Year Focus Clusters except those designed for Specific Majors. Some of these clusters may also be reserved for students in particular colleges.

TERRAPIN READING SOCIETY

An integral part of First Year Focus is the Terrapin Reading Society. The Terrapin Reading Society, formerly known as First Year Book, is a program designed to involve the first year students and the larger campus community in discussion about a central set of ideas. A campus wide committee selects a book and the program sponsors a number of related activities throughout the year. Some of the First Year Focus Course Clusters are also dedicated to the same theme.
Entering first year students receive the books free and other campus members may purchase the books at a discounted price at the Stamp Student Union Bookstore.

FIRST YEAR FOCUS COURSE CLUSTERS

Course clusters offer new students a kind of academic map. Each course in a cluster is enhanced by being taken in conjunction with the other courses in the cluster. Clusters are especially beneficial for first-year students. Most courses included in the clusters are at the 100- or 200- level, have no prerequisites, and fulfill a CORE (general education) requirement. For more information on CORE check this Schedule of Classes. Only 20-25 seats are available in each cluster, and space is allocated on a first-come, first-served basis.

Many clusters contains a "home" course which integrates what is learned in the other classes. Other courses in a cluster are regularly offered sections in which seats have been set aside for cluster participants so that they can become accustomed to university study in familiar company.

To register for a cluster, simply register for the cluster number. That single registration puts you in all the courses in the cluster. There is no need to register for the courses individually.

MENTORED STUDY GROUPS

Formal study groups are linked to courses which are commonly taken by first year students. They provide an opportunity for members to engage in ongoing conversations about course material allowing deeper understanding of the subject matter. Each study group meets weekly with a student mentor. Mentors have been specially selected and trained and have recently successfully completed the course they guide. In addition, study groups will be linked electronically through E-mail listeners so that you may easily contact members of your group with questions at any time of the day or night. You may sign up for a formal study group at the start of the semester.

POST-ORIENTATION COURSES

EDCP 108-O The Student in the University. This one credit course is designed to familiarize students with the many exciting services and resources available at the university. Students will also learn more about themselves as learners and find how to make the university work for them. The course is taught in a seminar style with twenty students per class. Some colleges offer specialized sections for their majors. Check with your advisor for the section which best fits your needs.
UNIV 101 is a two credit version which combines EDCP 108-O with a computer literacy component. In addition to learning about the valuable resources and services taught in EDCP 108-O, students will examine the vast array of computer resources available at the university and the worldwide community.

RELATED ACTIVITIES

Throughout the year, you may also participate in a variety of other First Year Focus activities on the campus and in the Washington-Baltimore metropolitan area. A few months from now, you may be deep into discussion with the other members of the Terrapin Reading Society about the first year book or up to your hips in water while exploring the ecology of the Potomac river. You may be taking in a classic film series, going out for pizza with the author of your textbook or working with a professor and other students to test your new scholarly skills on the real world problems of a local nonprofit community group. You will receive additional information about these activities throughout the semester.

THEMATIC FIRST YEAR FOCUS CLUSTERS

Open to all students regardless of major.

CLUSTER 1

Body and Mind I

CLUS 001 **section 0101** **index 10781**

Since the beginning of time, human beings have wavered between viewing the mind and body as separate and apart, and viewing them as interactive and whole. Whether of one piece or many, whether collaborative or contentious, the working of mind and body are inextricably linked and cannot be studied independently of one another. Body and Mind provides the tools to consider one of the oldest dichotomies and encourages students to think about the psychological and biological bases of human existence. (Math 110 Placement Required)

Principles of Biology I introduces students to key biological principles that characterize living organisms and to evidence that supports these principles. Students are required to answer introductory questions each week before their lab and to submit final reports. This course is for science majors.

BSCI 105+	section 5332	MWF 2-2:50 (Lec)	4 credits
CORE: LL		W 8-10:50 (Lab)	

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0230	TuTh 2-3:15 (Lec)	3 credits
CORE: SB		M 1-1:50 (Dis)	

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+	section 1313	TuTh 12:30-1:45	3 credits
CORE: FS			

CLUSTER 2

Body and Mind II

CLUS 002 **section 0101** **index 10782**

Since the beginning of time, human beings have wavered between viewing the mind and body as separate and apart, and viewing them as interactive and whole. Whether of one piece or many, whether collaborative or contentious, the working of mind and body are inextricably linked and cannot be studied independently of one another. Body and Mind provides the tools to consider one of the oldest dichotomies and encourages students to think about the psychological and biological bases of human existence. (Math 110 Placement Required)

Principles of Biology I introduces students to key biological principles that characterize living organisms and to evidence that supports these principles. Students are required to answer introductory questions each week before their lab and to submit final reports. This course is for science majors.

BSCI 105+	section 5116	MWF 9-9:50 (Lec)	4 credits
CORE: LL		M 2-4:50 (Lab)	

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+	section 0234	TuTh 2:00-3:15 (Lec)	3 credits
CORE: SB		W 1-1:50 (Dis)	

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1314 TuTh 12:30-1:45 3 credits
CORE: FS

CLUSTER 3

Public Orders and Private Values: Politics and Ethics

CLUS 003 section 0101 index 10783

A president impeached. Another president subpoenaed. Governors, legislators, and judges jailed. Countless others slink from public view in a hail of denunciations. What constitutes appropriate behavior for public officials? How does the public hold them to that standard? How does the public create that standard and what is the relationship between the private behavior of individual citizens and the standard of public life? How are rights and responsibilities of citizens in a democratic society balanced with the needs of the nation as whole? *Public Orders and Private Lives: Politics and Ethics* examines these questions by confronting and debating some of the most difficult and pressing social and moral issues of our day.

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historic contexts within which the political system operates.

GVPT 170+ section 0204 MW 10-10:50 (Lec) 3 credits
CORE: SB W 3-3:50 (Dis)

Contemporary Moral Issues focuses on moral issues that have social and/or political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality, and discrimination.

PHIL 140+ section 0102 MW 12-12:50 (Lec) 3 credits
CORE: HO F 9-9:50 (Dis)

Speech Communication: Principles and Practices explores valuable techniques of listening, group discussion, and interviewing, as well as public briefings and persuasive speaking.

COMM 107+ section 1601 TuTh 9:30-10:45 3 credits

CLUSTER 4

Play of Life I: Exploring the World Within

CLUS 004 section 0101 index 10784

One of the great challenges of societies has been for men and women to understand and describe themselves and their relationship to the world around them. *Play of Life: Exploring the World Within* examines the inner life through aesthetic imagery and psychological theory.

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+ section 0109 MW 9-9:50 (Lec) 3 credits
CORE: HA W 10-10:50 (Dis)

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0341 TuTh 5-6:15 (Lec) 3 credits
CORE: SB M 10-10:50 (Dis)

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1316 TuTh 12:30-1:45 3 credits
CORE: FS

CLUSTER 5

Play of Life II: Exploring the World Within

CLUS 005 section 0101 index 10785

One of the great challenges of societies has been for men and women to understand and describe themselves and their relationship to the world around them. Play of Life: Exploring the World Within examines the inner life through aesthetic imagery and psychological theory.

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+ section 0110 MW 9-9:50 (Lec) 3 credits
CORE: HA W 11-11:50 (Dis)

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0128 TuTh 12:30-1:45 (Lec) 3 credits
CORE: SB M 11-11:50 (Dis)

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1214 TuTh 11-12:15 3 credits
CORE: FS

CLUSTER 6

Justice for All?

CLUS 006 section 0101 index 10786

The jury returns its verdict in the Rodney King case and Los Angeles goes up in smoke. The country tunes in and takes sides in O.J. Simpson's double murder trial. Meeting the promise of the Pledge of Allegiance-"liberty and justice for all"- has never been more important or more difficult. Justice for All? examines the role of the civil rights movement and criminal justice system in the United States and their effectiveness at meeting the needs of all Americans. Courses in Justice for All? provide both historical and theoretical understanding of race, crime, and punishment in contemporary America.

Introduction to Criminal Justice provides an introduction to the administration of criminal justice in a democratic society with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement, planning and research, public relations, personnel and training, inspection and control, direction and policy formulation will all be studied.

CCJS 100+ section 0102 TuTh 4-4:50 (Lec) 3 credits
CORE: SB M11-11:50 (Dis)

American Government offers a comprehensive understanding of the American political system. It focuses both on structure and process and explores the social, cultural, economic, and historical contexts within which the political system operates.

GVPT 170+ section 0106 TuTh 11-11:50 (Lec) 3 credits
CORE: SB F 11-11:50 (Dis)

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1315 TuTh 12:30-1:45 3 credits
CORE: FS

CLUSTER 7

Gender and Culture

CLUS 007 section 0101 index 10787

Gender is a biological fact. Or is it? What roles do cultural teachings play in our gender identities and behaviors? For instance, does gender play a consistent role in the art of different cultures? Specifically, what role does gender play in the creation and perception of popular music around the world? Explore the interplay between biology and culture in this cluster which takes a novel approach in examining new ideas in the nature versus nurture debate.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1110 TuTh 9:30-10:45 3 credits
CORE: FS

Women and Society is an interdisciplinary study of the status, roles and experiences of women in society.

WMST200+ section 0201 MWF 11-11:50 3 credits
CORE: SB/D

World Pop Music and Gender this course focuses on the phenomena of world music as well as popular music in different cultures with an emphasis on cross-cultural comparison in such areas as politics, rebellion, music industry, etc. It analyzes these music through the lens of gender study where appropriate; as it is often the gender dynamics, which are acted out during performance, that give insight of major issues within a peoples' culture. Different music genres such as rap, heavy metal, women's music , reggae, etc. as well as types of African popular music and the phenomena of world beat are explored.

MUSC248C section 0109 W 1-2:50 (Lec) 3 credits
CORE: HA/D M2-2:50 (Dis)

CLUSTER 8

Common Ground

CLUS 008 section 0101 index 10788

The ground on which we stand is one of the planet's most important resources. As the source of food and shelter, it is literally the foundation of life and even small changes in the composition and formation of the earth bring profound changes for us. Yet, the ground is often overlooked in discussions of the environment. This cluster examines the interaction between the geological characteristics and the US society as we has moved from agrarianism through industrialism as well as the geologic factors underlying many environmental problems.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1408 TuTh 2-3:15 3 credits
CORE: FS

COURSE CLUSTERS

Environmental Geology a review of geologic factors underlying many environmental problems and the interactions between population and physical environment: geologic hazards, land-use planning, conservation, mineral resources, waste disposal, land reclamation and the geologic aspects of health and disease.

GEOL 120+	section 0103	TuTh 9:30-10:45 (Lec)	3 credits
CORE: PS		M 5-5:50 (Dis)	

History of the United States after 1865 is a study of the United States from the end of the Civil War to the present. Topics studied include economic, social, intellectual, and political developments, the rise of industry, and the emergence of the United States as a world power.

HIST 157+	section 0411	MW 1-1:50 (Lec)	3 credits
CORE: SH		F 12-12:50 (Dis)	

CLUSTER 9

The Moral Machine

CLUS 009 **section 0101** **index 10789**

Does the technology we have made reflect who we are? How, in turn, have changes in technology changed us and how we behave? Are we the moral machines? Are we as moral as our agrarian ancestors? Can we be fully moral in an industrial environment which emphasizes rationality over emotion? Should technological advances be governed (or limited) by ethical considerations? This clusters examines the changes in human interaction influenced by technical developments, in both historical and contemporary contexts.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+	section 1108	TuTh 9:30-10:45	3 credits
CORE: FS			

Science and Technology in Western Civilization: the United States from the end of the Civil War to present. Economic social, intellectual, and political development.

HIST175+	section 0103	MW 10-10:50 (Lec)	3 credits
CORE: SH		Tu 1-1:50 (Dis)	

Introduction to Contemporary Social Problems is an examination of contemporary social problems social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

SOCY 105+	section 0102	TuTh 2-3:15 (Lec)	3 credits
CORE: SB		F 10-10:50 (Dis)	

CLUSTER 10

The Built Environment

CLUS 010 **section 0101** **index 10790**

How do we live in the world we have built? What are the prevailing values, functions and characteristics of the buildings that we have planned and manufactured and the cities in which we have gathered ourselves? How do we behave as a partial result of our built world? This cluster examines the nature of the built world and the relationship to human ideas, behavior and organization.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+	section 0208	MWF 10-10:50	3 credits
CORE: FS			

Introduction to the Built Environment is an introduction to conceptual, perceptual, behavioral and technical aspects of environmental design; methods of analysis, problem solving and project implementation.

ARCH170+	section 0202	MW 11-11:50 (Lec)	3 credits
CORE: HA		F 11-11:50 (Dis)	

Challenge of the Cities explores contemporary urban patterns, trends and problems of major urban issues, such as population change, the economy, land use, neighborhood development, fiscal and unemployment crises, and social, environmental, and political controversies of metropolitan areas.

URSP100+	section 0101	TuTh 12:30-1:45	3 credits
CORE: SB			

CLUSTER 11

The Heavens in Mythology and Science

CLUS 011 **section 0101** **index 10791**

Humans seem to have always looked to the skies and tried to make sense of what they saw. The explanations of ancient myth and those of modern science are similar and different in fascinating ways and may tell us as much about the societies themselves as they do about the physical phenomena on which the stories and theories are based. The cluster examines the relationships between myth and science and the ways in which we situate ourselves in the universe.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+	section 1203	TuTh 11-12:15	3 credits
CORE: FS			

Introduction to Astronomy is an elementary course in descriptive astronomy, especially appropriate for non-science students.

ASTR100 C	section 0101	TuTh 9:30-10:45 (Lec)	3 credits
CORE: PS		M 9-9:50 (Dis)	

Greek and Roman Myth is taught in English, no prerequisite: cannot be taken for language credit. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism.

CLAS170+	section 0204	MW 11-11:50 (Lec)	3 credits
CORE: HL		F 9-9:50 (Dis)	

CLUSTER 12

Rhetorical Questions

CLUS 012 **section 0101** **index 10792**

Great speakers and speeches express the great ideas of their time. Is that all they do or do they propel those ideas to create social movement? Have they been only so much talk or have they stirred listeners to action? This cluster examines the effect of great speeches upon the population of their time.

American Government a comprehensive study of national government in the United States-nation, state and local.

GVPT 170+	section 0207	MW 10-10:50 (Lec)	3 credits
CORE:SB		Th 11-11:50 (Dis)	

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

COMM 107+	section 3701	MWF 9-9:50	3 credits

CLUSTER 13

Morality in the Contemporary World

CLUS015 **section 0101** **index 10793**

Social shifts and technical advances have raised questions never before considered or even imagined. Are changes in long held moral codes necessary now? How can moral change be addressed or achieved in the public arena? This cluster examines the challenges that technology brings to morality as well as the challenges that morality brings to technical advances.

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

COMM 107+	section1701	TuTh 9:30-10:45	3 credits

Contemporary Moral Issues focuses on moral issues that have social and/or political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality, and discrimination.

PHIL 140+	section 0104	MW 12-12:50 (Lec)	3 credits
CORE: HO		F 11-11:50 (Dis)	

Introduction to Contemporary Social Problems is an examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

SOCY105+	section 0109	TuTh 2-3:15(Lec)	3 credits
CORE: SB		F1-1:50 (Dis)	

First Year Focus Clusters for Specific Majors

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.)

Engineering Design

These clusters were developed to enhance opportunities for first-semester engineering students to engage in collaborative learning and group study. The clusters are limited to 18 students and are not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share common interests in science, mathematics, and engineering. Through this opportunity for collaborative learning the students will be better prepared for the engineering "work world".

CLUSTER 20

Engineering Design

CLUS 020 **section 0101** **index 10794**

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+	section 0221	MWF 10-10:50 (Lec)	4 credits
CORE: MS/FS		TuTh 9:30-10:50(Dis)	

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+	section 0105	W 11-11:50 (Lec)	3 credits
CORE: PS		F 12-2:00 (Dis)	

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 133+ section 6124 MWF 2-2:50 (Lec) 4 credits
T u 12:30:3:20 (Lab)
M 11-11:50 (Dis)

CLUSTER 21

Engineering Design

CLUS 021 section 0101 index 10795

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ section 0312 MWF 11-11:50 (Lec) 4 credits
CORE: MS/FS TuTh 11-12:20 (Dis)

Introduction to Engineering Design meets for one hour of lecture and two hours of laboratory per week. Students work as teams to design and build a product using computer software for word processing, spreadsheet, CAD, and communication skills.

ENES 100+ section 0201 W 12-12:50 (Lec) 3 credits
CORE: PS Tu 8-10:00 (Dis)

General Chemistry for Engineers will acquaint students with the concepts of matter, solutions, chemical reactions, equilibria, kinetics, thermodynamics, and electrochemistry.

CHEM 103+ section 3227 MWF 10-10:50 (Lec) 4 credits
Tu 3:30-6:20 (Lab)
Th 8-9:15 (Dis)

Engineering Orientation

Engineering Orientation clusters provide an overview of each engineering discipline and an opportunity for students to engage in collaborative learning and group study. The clusters are limited to 20 students and are not open to students in the Honors, College Park Scholars, and Gemstone programs. The goal is to provide an early academic experience with a select group of students who share interests in science, math, and engineering. These clusters also provide an orientation to the faculty, curriculum, services, resources, and activities available that enhance engineering students' academic success.

CLUSTER 22

Engineering Orientation

CLUS 022 section 0101 index 10796

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in engineering a primary goal.

EDCP 108O section 0602 TuTh 10-10:50 1 credit

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 0301 MWF 11-11:50 3 credits
CORE: FS

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0229 TuTh 2:00-3:15 (Lec) 3 credits
CORE: SB Th 11-11:50 (Dis)

Education

Education Orientation Clusters provide students with the opportunities to engage in collaborative learning with a select group of students who share an interest in education. The goal is to provide students with an early academic experience that will enhance their success in education. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.) (Education majors only.)

CLUSTER 23

Education Orientation (Open to Education Majors only)

CLUS 023 section 0101 index 10797

History of the United States to 1865 is a study of the United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

HIST 156+ section 0110 TuTh 10-10:50 (Lec) 3 credits
CORE: SH M 1-1:50 (Dis)

Introduction to Sociology explains the fundamental concepts and principles of sociology. Topics include consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and change.

SOCY 105+ section 0201 TuTh 11-12:15 3 credits
CORE: SB

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0342 TuTh 5:00-6:15 (Lec) 3 credits
CORE: SB M 11:00-11:50 (Dis)

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in education a primary goal.

EDCP 108O section 0501 W 11-1:00 1 credit

CLUSTER 24

Education Orientation (Open to Education Majors only)

CLUS 024 section 0101 index 10798 **History of the United States to 1865** is a study of the United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

HIST 156+ section 0205 MW 11-11:50 (Lec) 3 credits
CORE: SH M 2-2:50 (Dis)

Introduction to Sociology explains the fundamental concepts and principles of sociology. Topics include consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and change.

SOCY 100+ section 0606 TuTh12:30-1:45 (Lec) 3 credits
CORE: SB W 1-1:50 (Dis)

Introduction to Writing

ENGL 101+ section 1110 TuTh 9:30-10:45 3 credits
CORE: FS

CLUSTER 25

Education Orientation (Open only to students in the College of Education)

CLUS 025 section 0101 index 10799

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 1108 TuTh 9:30-10:45 3 credits
CORE: FS

Speech Communication: Principles and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

COMM 107+ section 0501 MWF 1:00-1:50 3 credits

College of Arts and Humanities and Letters and Sciences

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.) Open only to students in the College of Arts and Humanities and Letters and Sciences

CLUSTER 26

Expression of the Mind

CLUS026 section 0101 index 10800

Introduction to Theatre focuses on what makes theater a unique form of art. Students explore aesthetic issues, matters of craft, and the history of theatrical practice. The course includes lectures, discussions, exercises, papers, and exams. Extra credit work in theatrical production allows students to apply directly what they learn in this course.

THET 110+ section 0104 MW 9-9:50 (Lec) 3 credits
CORE: HA W 1-1:50 (Dis)

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0127 TuTh 12:30-1:45 (Lec) 3 credits
CORE: SB M 10-10:50 (Dis)

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 0309 MWF 11:00-11:50 3 credits
CORE: FS

School of Journalism

CLUSTER 27

Journalism Orientation

CLUS 027 section 0101 index 10801
(Open to Journalism majors only)

The message from medial employers is consistent. Regardless of the setting (be it print, broadcast, advertising or public relations), media professions should have a breadth of understanding matched by a curiosity about the world around them. Toward that end, the College of Journalism has established a variety of course requirements to assist students in cultivating their understanding. The **Journalism Orientation** cluster assists students in exploring their education and its relationship to their future goals.

Professional Orientation is a survey of journalism professions, emphasizing appropriate academic and career development strategies.

COURSE CLUSTERS

Specialized News Reporting: History, Roles and Structures provides advanced training and practice In writing and reporting news in this field of interest.

JOUR 328F+ section 0101 MW 9-9:50 2 credits

American Government is a comprehensive study of national government in the United States -- national, state and local.

GVPT 170+ section 0111 TuTh 11-11:30 (Lec) 3 credits
F 3-3:50 (Dis)

Oral Communication: Principals and Practices explores valuable techniques for listening, group discussion, interviewing, public briefings, and persuasive speaking.

COMM 107+ section 0701 MWF 1-1:50 3 credits

College and Career Advancement: The Student and the University is a one credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in journalism a primary goal.

EDCP 108O section 0701 W 3-5:00 1 credit

Computer Science, Math, Physics

These clusters are desighed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. (Note: Honors and College Park Scholars students are not eligible to register for some of these clusters.) These clusters are aimed at a select group of students who share an interest in Computer Science, Math, Physics, or Astronomy, affording them the opportunity to engage in collaborative learning with their peers. The goal is to provide students with an early academic experience that will enhance their success in their chosen area of study.

CLUSTER 28

Computer, Mathematical, and Physical Sciences Cluster 1

CLUS 028 section 0101 index 10802

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation in computer, math, and physical science a primary goal.

EDCP 108O section 0401 W 2-3:50 1 credit

Advanced Review of High School Algebra is recommended for students who plan to take but are not yet qualified for MATH 115. This course carries a special fee in addition to regular tuition charges. The course does not carry credit towards any degree at the university but does carry credit for enrollment and other purposes.* The course reviews high school algebra at a faster pace and at a more advanced level than MATH 001 and covers exponents; polynomials; linear equations in one and two variables; quadratic equations; and polynomial, rations, exponential and logarithmic functions.

MATH 002+ section 0321 MW 9-9:50 (Lec) 3 credits*
TuTh 9-9:50 (Dis)

CLUSTER 29 (See Cluster 28)

Computer, Mathematical, and Physical Sciences Cluster 2

CLUS 029 section 0101 index 10803

College and Career Advancement: The Student and the University

EDCP 108O section 0402 Th 2-3:50 1 credit

Advanced Review of High School Algebra

MATH 002+ section 0221 TuTh 10-10:50 (Lec) 3 credits*
MW 9-9:50 (Dis)

CLUSTER 30

Computer, Mathematical, and Physical Sciences Cluster 3

CLUS 030 section 0101 index 10804

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ section 0201 MWF 9-9:50 3 credits
CORE: FS

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+ section 0301 MWF 12-12:50 (Lec) 4 credits
MW 8-8:50 (Lab)

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O section 0401 W 2-3:50 1 credit

CLUSTER 31

Computer, Mathematical, and Physical Sciences Cluster 4

CLUS 031 section 0101 index 10805

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ section 0721 MWF 1-1:50 (Lec) 3 credits
CORE: FS Th 9:30-10:45 (Dis)

Introduction to C programming design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+ section 0202 MWF 11-11:50 (Lec) 4 credits
MW 9-9:50 (Lab)

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O section 0402 Th 2-3:50 1 credit

CLUSTER 32

Computer, Mathematical, and Physical Sciences Cluster 5

CLUS 032 section 0101 index 10806

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ section 0722 MWF 1-1:50 (Lec) 3 credits
CORE: FS Th9:30-10:45 (Dis)

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+ section 0202 MWF 11-11:50 (Lec) 4 credits
MW 9-9:50 (Lab)

CLUSTER 33

Computer, Mathematical, and Physical Sciences Cluster 6

CLUS 033 section 0101 index 10807

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ section 0311 MWF 11-11:50 4 credits
CORE: MS/FS TuTh 11-12:20

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.

CMSC 106+ section 0302 MWF 12-12:50 (Lec) 4 credits
MW 9-9:50 (Lab)

CLUSTER 34

Computer, Mathematical, and Physical Sciences Cluster 7

CLUS 034 section 0101 index 10808

Precalculus is a course in mathematics for students in engineering and other technical disciplines. Topics are elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, and trigonometric functions. Algebraic techniques preparatory for calculus are also covered.

MATH 115+ section 0732 MWF 1:-1:50 3 credits
CORE: FS Th 11-12:15

Professional Physics Seminar Recommended: high school physics. Provides a look at some of the major developments of current interest in physics research and discusses the activities physicists undertake in research, education, industry, government, and other areas of the economy.

PHYS 170+ section 0101 W 12-12:50 1 credit

CLUSTER 35

Computer, Mathematical, and Physical Sciences Cluster 8

CLUS 035 section 0101 index 10809

Calculus I introduces students to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. Emphasis is placed on student interaction in groups, including team approaches to solving calculus-based problems.

MATH 140+ section 0321 MWF 11-11:50 (Lec) 4 credits
CORE: MS/FS TuTh 12:30-1:50 (Dis)

Introduction to C Programming- design and analysis of programs in C. An introduction to computing using structured programming concepts. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes

CMSC 106+ section 0102 MWF 10-10:50 (Lec) 4 credits
MW 9-9:50 (Lab)

Clusters 40, 41, 42 & 43 are part of a Letters and Sciences Learning Community.

These clusters are designed and recommended for students in specific majors. The courses satisfy major requirements and provide instruction in basic skills and concepts necessary for the successful completion of the majors. Open only to students in Letters and Sciences.

***Please Note:** Some of these learning Communities were still under development at press time; see a Letters and Sciences Advisor for the latest information.*

CLUSTER 40

Public and Private Consciousness

CLUS 040 section 0101 index 10810

Although often treated as separate roles, the public and the private self are parts of a whole individual life. The field of counseling and related professions has grown to encompass both the diversity of situations and the diversity of individual lives. This learning community will explore the role of the counselor in the treatment of the whole person who operates both publicly and privately. Students will receive an overview of common roles of the counselor, common interventions and will examine the role of race, gender and culture in the public and private self. Introduction to Counseling and Personnel Services is an overview of counselor functions and skills that lead to effective helping.

EDCP 210+ section 0101 TBA 3 credits

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O section 0840 TBA 1 credit

Introduction to Psychology familiarizes students with the broad theoretical systems developed in an effort to understand behavior. Included are the ways in which those theories have been tested and the outcomes of the tests.

PSYC 100+ section 0334 TuTh 5-6:15 (Lec) 3 credits
CORE: SB Tu 11-11:50 (Dis)

CLUSTER 41

The Public Communicators

CLUS 041 section 0101 index 10811

Public communication professionals have taken on a pivotal role in our culture. They are the writers and keepers of the public store of information; they influence the debate and ultimately the public action surrounding the issues of our time. This learning community will explore the roles, ideals and pragmatic realities of the public communicators. Writers and speakers from a number of related professions will share their insights into the processes and outcomes of pubic communication.

College and Career Advancement: The Student and the University is a one-credit course that provides the knowledge and skills students need to enhance college as a learning experience and to make graduation a primary goal.

EDCP 108O section 0841 TuTh 3-4:00 1 credit

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section TBA TBA 3 credits
CORE: FS

American Culture in the Information Age The ways in which content and medium of public information interact with public culture.

AMST 100+ section 0101 TBA 3 credits
CORE: under review

CLUSTER 42

Leadership and Public Advocacy

CLUS 042 section 0101 Index 10812

Do you believe that one person, whether individually or through collective action, can make a difference? Through this learning community, students will have the opportunity to explore some of the pressing social issues of our day. How can we effect change via existing social, political, and governmental structures? How might we redefine the means by which we effect change in our society? We will explore how others have used their voices to impact the communities in which they live and challenge ourselves to do the same. Students will participate in a 2 credit colloquia that will integrate the other clustered courses, introduce the concept of leadership and current leadership theory, and engage students in community action to experience firsthand the power of change.

Introduction to Writing introduces students to college-level writing and teaches them how to construct and develop issues, use and document sources, and revise and improve their prose.

ENGL 101+ section 0108 MWF 9 -9:50 3 credits

Global Literature and Social Change is a comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives.

CMLT 270+ section 0301 TuTh 11-12:15 3 credits

Contemporary Moral Issues focuses on moral issues that have social and/or political policy dimensions. Examples of issues include: abortion, euthanasia, hunger, the death penalty, equality and discrimination.

PHIL 140+ section 0205 TuTh 3-3:50 3 credits
F 10-10:50

American Government is a comprehensive study of national government in the United States -- national, state and local.

GVPT 170+ section 0209 MW 10-10:50 3 credits
Th 2-2:50

Leadership and Public Advocacy Colloquia

UNIV 116+ section 0101 TBA 2 credits

CLUSTER 43

African Contributions to American Culture

CLUS 0403 section 0101 Index: 10813

The First Year Focus Cluster will provide students with a deeper understanding of African contributions to American culture and society. Students will learn about African history and explore ways African culture has evolved and flourished in the United States since 1700. This cluster will be of interest to all students interested in international and cultural studies, the intersection between social science and humanities, and opportunities to explore this through field trips and class discussion.

Introduction to American Studies: An introduction to American cultural studies -- past and present -- by examining the concept of "self" in American autobiographical writing and the concept of "society" in accounts of various communities.

AMST 201+ section TBA TBA 3 credits
CORE:HO

Black Culture in The United States: The course examines important aspects of African American life and thought which are reflected in Afro-American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the nineteenth-century to the present.

AASP 202+ section TBA TBA 3 credits
CORE:SH

Art and Archeology of Africa: Appreciation of the art of African cultures. A survey of African culture through painting, sculpture and architecture from prehistoric times to the present.

ARTH 275+ section TBA TBA 3 credits
CRE:HA

28 CORE

CORE Program

Office of the Dean for Undergraduate Studies
2130 Mitchell Building
301-405-9359

Check CORE Online for CORE course lists and information at:
http://www.inform.umd.edu/GenEd.
A great resource for up-to-date CORE approvals made after this publication was printed.

The CORE Liberal Arts and Sciences Studies Program (CORE) is the University of Maryland's set of general education requirements that all undergraduates must complete in addition to their major, department, and college requirements. The CORE requirements are outlined below, followed by the approved CORE course list (current as of July 1998). Please note that this is a comprehensive list; **courses offered during Fall 1999 appear in boldface type.** See page 21 for World Course descriptions.

ADDITIONAL RESOURCES:

- **CORE Online at: http://www.inform.umd.edu/GenEd**
- **CORE 101 - A Student Guide to the CORE Program** and the **CORE Academic Record Keeper** (available at your advising office during and after Orientation and at The Office of Undergraduate Studies, 2130 Mitchell Building).
- **Undergraduate Catalog**

NOTE:

- If you earned 9 or more credits before May, 1990 that will count toward your undergraduate degree from the University of Maryland, you may need information about earlier general education programs. Please refer to the Undergraduate Catalog or CORE Online.

COURSES USED TO FULFILL CORE REQUIREMENTS:

MUST be selected from the approved CORE course list.
MAY also be used to satisfy college, major, and/or supporting area requirements if the courses also appear on CORE Fundamental or Distributive Studies lists.
MAY NOT be taken on a Pass-Fail basis.

CORE FUNDAMENTAL STUDIES 3 COURSES

1. ONE COURSE IN INTRODUCTION TO WRITING

[Must be attempted within first thirty credits and passed within first 60.]

Approved CORE Introduction to Writing Courses:

ENGL 101	**Introduction to Writing**
ENGL 101A	**Introduction to Writing** (Students must take ENGL 101A rather than ENGL 101 if their TSWE score [a subscore of the SAT verbal] is 33 or below.
ENGL 101H	**Introduction to Writing** (Honors Students)
ENGL 101X	**Introduction to Writing** (Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: **(1)** 550 or above on the TOEFL, **OR** **(2)** 220 or above on the Maryland English Institute Program (MEIP) Exam administered at the College Park campus by the Maryland English Institute (MEI), **OR** **(3)** successful completion of the MEI's semi-intensive course in English.

Note: Based on TOEFL or MEIP scores, students may be required to complete English language instruction for non-native speakers through the MEI before being allowed to register for ENGL 101X.)

Exemptions from Introduction to Writing:

* AP English Language and Composition Exam, score of 4 or 5, **OR**
* SAT verbal score 670 or above (In April 1995, the Educational Testing Service recentered the scores on the SAT. If taken before April 1995, one must receive a score of 600 or above to be exempt from Freshman Writing. This recentering does not reflect a raising of the requirement for exemption, but a change in the scoring system which the ETS uses.)

2. ONE COURSE IN MATHEMATICS

(Must be attempted within first thirty credits and passed within first 60.)

Approved CORE Fundamental Studies Mathematics Courses:

MATH 110	**Elementary Mathematical Models**, or
MATH 113	**College Algebra with Applications**
MATH 115	**Pre-calculus**, or
	Any 100 or 200 level MATH or STAT course except MATH 210 and MATH 211

Exemptions from Mathematics:

* SAT Math score 600 or above; **OR**
* College Board Achievement Test in Mathematics, Level I or II, score of 600 or above; **OR**
* AP score of 3 or above in Calculus AB or BC; **OR**
* CLEP General Mathematics Exam score of 560 or higher; or CLEP Calculus/Elementary Functions Exam, score of 47 or higher; or any other CLEP Mathematics subject exam, score of 60 or higher.

3. ONE COURSE IN PROFESSIONAL WRITING

(after 56 credits).

Approved CORE Professional Writing Courses:

(select the appropriate course based on requirements or interests)

ENGL 391	**Advanced Composition**
ENGL 391H	Advanced Composition (Honors Students)
ENGL 391X	**Advanced Composition** (English as a Second Language [ESL])
ENGL 392	**Advanced Composition** (pre-law)
ENGL 393	**Technical Writing**
ENGL 393H	Technical Writing (Honors students)
ENGL 393X	**Technical Writing** (ESL)
ENGL 394	**Business Writing**
ENGL 395	**Technical Writing** (pre-med and health careers)

Exemption from Professional Writing:

**Grade of "A" in ENGL 101 (NOT ENGL 101A or ENGL 101X), except for students majoring in Engineering. All engineering students must take ENGL393. NOTE: No exemption from the Professional Writing requirement will be granted for achievement on SAT verbal exam. Professional Writing courses cannot be used to fulfill Advanced Studies requirements.*

CORE DISTRIBUTIVE STUDIES 9 COURSES

1. THREE COURSES IN HUMANITIES AND THE ARTS

* One course from **Literature** list, and
* One course from **History or Theory of the Arts** list, and
* One more course from **Literature, OR History or Theory of Arts, OR Humanities** lists

2. THREE COURSES IN MATHEMATICS AND SCIENCES

* Up to two courses from **Physical Sciences** list, and
* Up to two courses from **Life Sciences** list, and
* Up to one course from **Mathematics/Formal Reasoning** list

*Notes: One course **MUST** include or be accompanied by a lab taken in the same semester. More than one lab course may be taken. All three courses may be selected from the science lists.*

3. THREE COURSES IN SOCIAL SCIENCES AND HISTORY

* One course from **Social or Political History** list, and
* Two courses from **Behavioral and Social Sciences** list

CORE ADVANCED STUDIES 2 COURSES (6 CREDITS)

* Two upper-level (300-400 level) courses (outside major after 56 credits). Students may substitute a CORE-approved senior capstone course (in major after 86 credits), or a senior or honors thesis for ONE of the two required advanced studies courses.

The following may NOT be used to fulfill Advanced Studies requirements: *Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions please call the Office of Undergraduate Studies at 405-9359.*

CORE HUMAN CULTURAL DIVERSITY 1 COURSE

Cultural Diversity courses focus primarily on: (a) the history, status, treatment, or accomplishment of women or minority groups and subcultures; (b) non-Western culture, or (c) concepts and implications of diversity. *Note: A number of CORE Cultural Diversity courses also satisfy CORE Distributive Studies requirements or a college, major, and/or supporting area requirement.*

CORE Codes

The following CORE Codes appear in the headings of the course lists below and designate the CORE requirement(s) met by each course. These codes also appear in the individual course listings when they appear later in the Schedule, where they have the same meaning.

CORE Distributive Studies:

HL	Humanities and the Arts - LITERATURE
HA	Humanities and the Arts - HISTORY OR THEORY OF THE ARTS
HO	Humanities and the Arts - HUMANITIES
PS	Mathematics and the Sciences - PHYSICAL SCIENCES (NON-LAB)
LS	Mathematics and the Sciences - LIFE SCIENCES (NON-LAB)
MS	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (NON-LAB)
PL	Mathematics and the Sciences - PHYSICAL SCIENCES (LAB)
LL	Mathematics and the Sciences - LIFE SCIENCES (LAB)
ML	Mathematics and the Sciences - MATHEMATICS OR FORMAL REASONING (LAB)
SH	Social Sciences - SOCIAL OR POLITICAL HISTORY
SB	Social Sciences - BEHAVIORAL AND SOCIAL SCIENCE

CORE Advanced Studies

CS	CAPSTONE

CORE Diversity:

D	DIVERSITY

APPROVED CORE COURSE LIST

Not all approved courses are offered each semester. Courses scheduled to be offered in the current semester appear in bold-face type. The list is correct as of press time; however, offerings are subject to change.

CORE FUNDAMENTAL STUDIES *3 courses*

*PLEASE REFER TO **CORE OUTLINE** FOR COURSE REQUIREMENTS AND EXEMPTIONS.*

CORE DISTRIBUTIVE STUDIES *9 courses*

1. *Students meeting CORE requirements must select courses from the CORE lists only.*
2. *Please consult the **Undergraduate Catalog** and the **CORE 101** for additional information on requirements, prerequisites, etc.*
3. *In the following CORE Distributive Studies list, courses noted "(D)" also meet the CORE Diversity Requirement.*

Humanities & the Arts - *3 courses*

CORE Literature: (CORE CODE: HL)

CHIN 213	Chinese Poetry into English: Intro. (D)
CLAS 100	Classical Foundations
CLAS 170	**Greek and Roman Mythology**
CLAS 270	**Greek Literature in Transl'n**
CLAS 271	Roman Literature in Transl'n
CMLT 235	**Intro. to Lit. of the African Diaspora (also as ENGL 235) (D)**
CMLT 270	**Global Literature and Social Change (D)**
CMLT 275	**World Lit. by Women (also as WMST 275) (D)**
CMLT 277	**Literature of the Americas (D)**
ENGL 201	**Western World Lit.: Homer to the Renais.**
ENGL 201H	Western World Lit.: Homer to the Renaissance (also as HONR 258Q)
ENGL 202	**Western World Lit., Renaiss - Present**
ENGL 202H	Western World Lit., Renaiss - Present (also as HONR 238C)
ENGL 205	**Intro. to Shakespeare**
ENGL 205H	Intro. to Shakespeare (also as HONR 258K)
ENGL 211	**English Lit. from Beginnings to 1800**
ENGL 212	**English Lit. from 1800 to the Present**
ENGL 212H	English Lit. from 1800 to the Present
ENGL 221	**American Lit.: Beginning to 1865**
ENGL 222	**American Lit.: 1865 to the Present**
ENGL 234	**Intro. to African-American Lit. (D)**
ENGL 235	**Intro. to the Lit. of the African Diaspora (also as CMLT 235) (D)**
ENGL 240	Intro. to Fiction, Poetry and Drama
ENGL 241	**Intro. to the Novel**
ENGL 242	**Intro. to Non-Fiction Prose**
ENGL 243	**Intro. to Poetry**
ENGL 244	**Intro. to Drama**
ENGL 250	**Intro. to Lit. by Women (also as WMST 255) (D)**
ENGL 277	**Mythologies: An Introduction**
ENGL 278S	The American Short Story in Its World Context
FREN 240	Masterworks of French Lit. in Transl'n
FREN 241	Women Writers of French Expres. in Transl'n (also as WMST 241) (D)
FREN 242	**Black Writers of French Exp. in Transl'n (D)**
FREN 250	**Readings in French**
GERM 281	**Women in German Lit. and Society (also as WMST 281) (D)**
GERM 282	**Germanic Mythology**
GERM 283	Viking Culture & Civilization (formerly GERM 383)
GERM 284	**German Chivalric Culture (formerly GERM 384)**
GERM 285	German Film and Literature
GERM 286	Ancient Indic Culture and Civilization (formerly GERM 371)
GERM 287	Ancient Celtic Culture and Civilization (formerly GERM 372)
HONR 238B	Images of Masculinity in 20th Century American Literature and Film
HONR 238C	Western World Lit.: Renaissance to the Present (also as ENGL 202H)
HONR 238D	19th and 20th Century English Literature
HONR 238V	Difference and Value in Literary Texts
HONR 238Z	**Understanding the World through Reading**
HONR 239G	African Literature (D)
HONR 239K	**The Discovery of Personality in Literature**
HONR 239N	The Black Experience in Amer. Drama (D)
HONR 258A	**Untold Stories: Modern Women Writers Reimagining the Western Tradition (D)**
HONR 258I	Reading the Bible: An Intro. to Critical Methods (also as JWST 164)
HONR 258J	Modern Jewish Experience through Literature (also as JWST 171) (D)
HONR 258K	**Introduction to Shakespeare (also as ENGL 205H; formerly HONR 158K)**
HONR 258Q	Western World Lit.: Homer to the Renaissance (also as ENGL 201H)
HONR 258T	**Tools of Fiction: Lit. &/as Creative Writing**
HONR 259F	Non-Fiction Prose: The Essay
HONR 259Q	**Conformity, Rebellion, and Identity: A Literary Perspective**
HONR 259S	**The Body and Literature**
HONR 268Q	Science as Literature
HONR 268W	**Retelling the Tale**
ITAL 241	Modern Women Writers in Transl'n.

NOTE: Some CORE-approved Honors courses have the same course number and suffix as another CORE-approved Honors course. Both courses will not be offered in the same semester. The list is correct as of press time; however, offerings are subject to change. Not all approved courses are offered each semester. Check course listings. FOR MORE INFORMATION ABOUT CORE CONSULT: CORE Guide for Undergraduate Advisors available for review at the Hornbake Library Reserve Desk and in advising offices or InforM online information system (access through student Workstations at Maryland [WAM] account).

CORE Literature: (HL) cont'd.

ITAL 251	Intro. to Italian Literature
JWST 164	Reading the Bible: An Intro. to Critical Methods (also as HONR 258I)
JWST 171	Modern Jewish Experience through Literature (also as HONR 258J) (D)
JWST 262	**The Hebrew Bible: Narrative**
JWST 263	The Hebrew Bible: Poetry and Rhetoric
JWST 272	Jewish Literature in Translation (formerly HEBR 231)
PORT 228A	**Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A) (D)**
RUSS 221	**Masterworks of Russian Literature I**
RUSS 222	Masterworks of Russian Literature II
SPAN 221	**Introduction to Literature**
SPAN 222	Cultural Differences in Contemp. Latin American Culture (D)
SPAN 224	Violence and Resistance in Americas (D)
SPAN 228A	**Latin American Literatures and Society: An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A) (D)**
WMST 241	Women Writers of French Expres. in Transl'n (also as FREN 241) (D)
WMST 255	**Intro. to Lit. by Women (also as ENGL250)(D)**
WMST 275	**World Lit. by Women (also as CMLT 275) (D)**
WMST 281	Women in German Lit. and Society (also as GERM 281) (D)

CORE History or Theory of the Arts: (CORE CODE: HA)

AMST 205	**Material Aspects of American Life**
ARCH 170	**Intro. to the Built Environment**
ARCH 223	History of Non-Western Architecture (D)
ARTH 100	Introduction to Art
ARTH 200	**Art of the Western World to 1300**
ARTH 201	**Art of the Western World after 1300**
ARTH 250	**Art and Archaeology of Ancient America (D)**
ARTH 275	**Art and Archaeology of Africa (D)**
ARTH 290	**Art of Asia (D)**
ARTT 150	**Introduction to Art Theory**
CMLT 214	**Film, Form, and Culture**
CMLT 280	**Film Art in a Global Society (D)**
DANC 200	**Introduction to Dance (D)**
ENGL 245	**Film and the Narrative Tradition**
HONR 238R	Gender and Performance (D)
HONR 239C	The Creative Process in Dance (D)
HONR 239E	Building Culture: An Introduction to Architecture as Phenomenon
HONR 239H	Playing with Plays
HONR 258C	**Silence and Art**
HONR 258F	**Gender & Space in Film: A Comp. View (D)**
HONR 259D	Understanding the Japanese through the Performing Arts (D)
HONR 269R	Putting One's Body on the Line (D)
HONR 269S	Reading People and Places: Environmental Non-Verbal Communication
HONR 279D	From Fiction to film: Film Adaptions of Novels
HONR 279R	**Art Making in the Global Village (D)**
MUSC 130	**Survey of Music Literature**
MUSC 140	**Music Fundamentals I**
MUSC 210	**The Impact of Music on Life (D)**
MUSC 248A	**Musics of the World (D)**
MUSC 248C	**World Popular Musics and Gender (D)**
THET 110	**Introduction to the Theatre**
THET 195	Gender and Performance (D)
THET 240	**African Americans in Film and Theatre (D)**
THET 290	**American Theatre 1750-1890**
THET 291	American Theatre 1890-Present
THET 293	Black Theatre and Performance I (D)
THET 294	**Black Theatre and Performance II (D)**
UNIV 118A	**Topics in Creativity: The Creative Drive**
WMST 250	**Intro. to Women's Studies: Women, Art and Culture (D)**

CORE Humanities Courses: (CORE CODE: HO)

AASP 200	African Civilization
AMST 201	**Intro. to American Studies**
AMST 203	**Popular Culture in America**
AMST 204	**Film and American Culture Studies**
AMST 211	Technology and American Culture
ARHU298A	**Medieval and Renaissance Humanism, Humanists and Their World**
CHIN 202	**Intermediate Written Chinese I**
CHIN 204	Intermediate Written Chinese II
CHIN 205	Intermediate Chinese-Accelerated Track
CMLT 291	Int'l Perspect. on Lesbian & Gay Studies (D)
EDPA 210	Hist. & Philos. Perspectives on Education
ENGL 282	**Introduction to Rhetorical Theory**
FREN 202	Honors Intermediate French (in French)
FREN 203	**Intermediate French**
FREN 204	**Review Grammar and Composition**
GERM 201	**Intermediate German I**
GERM 202	**Intermediate German II**
GERM 280	**German-American Cultural Contrast**
HIST 110	**The Ancient World**
HIST 112	**The Rise of the West: 1500-1789**
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 218A	**In Search of Ancient Astronomies (D)**
HONR 218C	**Western Intellect. Heritage: Hero & Society**
HONR 218L	**Language and Mind**
HONR 238A	The World of the Dead Sea Scrolls (also as JWST 128A)
HONR 238G	Thanatos - The Many Meanings of Death
HONR 238L	The Mind and Language
HONR 238M	Shadow Play: An Intro. to Film Studies
HONR 238U	The Spiritual Heritage of the Human Race
HONR 239I	Buddhism: Pers. & Social Transform. (D)
HONR 248A	The Passion of the Educated Mind
HONR 249N	The Ups and Downs of Human Flight
HONR 249V	Lawyers and the Adversary System
HONR 258E	Television Reality
HONR 258R	Plato's Republic (also as PHIL 110)
HONR 259J	**American Suburbia**
HONR 268E	**Gods, Demons, and Mythology in the Ancient Near East and Egypt**
HONR 268J	**Religion and Progress: Islamic Science, Politics, and Economics (D)**
HONR 268R	**The Cultural Significance of Astronomy**
HONR 268Z	Faces in the Mirror: The Culture of the Mask
HONR 269C	**Mythology**
HONR 269I	Immigrant Voices (D)
HONR 269J	The Beat Begins: American Culture in 1950's
HONR 269L	Hinduism: Karma, Dharma, Caste, Sects and Symbols (D)
HONR 269W	Classical Myth in America
HONR 278D	**Women and Religion (D)**
ITAL 203	**Intermediate Italian**
ITAL 204	**Review Grammar and Composition**
ITAL 261	Cuisine, Culture, and Society in Italy Yesterday and Today (in Italian)
ITAL 271	The Italian-American Experience
JWST 128A	World of the Dead Sea Scrolls (also as HONR 238A)
JWST 250	Fund. Concepts of Judaism (also as PHIL 234)
LARC 160	**Intro. to Landscape Arch.**
LASC 234	**Issues in Latin American Studies I (also as PORT 234 and SPAN 234) (D)**
LASC 235	Issues in Latin American Studies II (also as PORT 235 and SPAN 235) (D)
LATN 201	**Intermediate Latin**
LING 210	Structure of American Sign Language (D)
LING 240	**Language and Mind**
PHIL 100	**Introduction to Philosophy**
PHIL 101	The Structure of Knowledge
PHIL 102	**Truth and Reality**
PHIL 103	Self and Identity
PHIL 105	**God and Cosmos**
PHIL 110	Plato's Republic (also as HONR 258R)
PHIL 140	**Contemporary Moral Issues**
PHIL 201	Issues in the Philosophy of Life
PHIL 209E	Existentialism
PHIL 234	**Fund. Concepts of Judaism (also as JWST 250)**
PHIL 245	Political and Social Philosophy I
PHIL 250	**Philosophy of Science I**
PHIL 256	**Philosophy of Biology I**
PORT 223	Portuguese Culture (in English)
PORT 224	Brazilian Culture (in English) (D)
PORT 234	**Issues in Latin American Studies I (also as LASC 234 and SPAN 234) (D)**
PORT 235	Issues in Latin American Studies II (also as LASC 235 and SPAN 235) (D)
RUSS 201	**Intermediate Russian I**
RUSS 202	Intermediate Russian II
RUSS 281	19th Century Russian Culture
RUSS 282	**Contemporary Russian Culture (D)**
SPAN 125	Span. Civil.: From Kingdoms to Nationalities
SPAN 201	**Intermediate Spanish**
SPAN 202	**Intermediate Grammar and Composition**
SPAN 223	U.S. Latino Culture (D)
SPAN 234	**Issues in Latin American Studies I (also as LASC 234 and PORT 234) (D)**
SPAN 235	Issues in Latin American Studies II (also as LASC 235 and PORT 235) (D)

CORE Math. & Sciences
3 courses

(At least one course MUST be from CORE Lab List.)

CORE Laboratory Courses

CORE Physical Sciences Laboratory: (CORE CODE: PL)

Only those courses that appear also on the approved CORE non-lab lists may be counted as CORE non-lab courses (ASTR 100, CHEM 121, and METO 200).

ASTR 100/111	**Intro. to Astronomy & Observational Astronomy Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
ASTR 101	**General Astronomy**
ASTR 121	Introductory Astrophysics II - Stars and Beyond
CHEM 102	Chemistry of Our Environment
CHEM 103	**General Chemistry I**
CHEM 113	**General Chemistry II**
CHEM 121/122	Chemistry in the Modern World & Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)
GEOG 201/211	**Geog. of Environ. Sys./Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 100/110	**Phys. Geol./Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
GEOL 103	Water, Earth and Humans
GEOL 105	Geology of Maryland
GEOL 107	Natural Hazards
METO 200/201	**Weather & Climate & Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 102/103	**Phys. of Music/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 106/107	**Light, Perception, Photography & Visual Phenomena/Lab (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**
PHYS 117	**Intro. to Physics**
PHYS 121	**Fundamentals of Physics I**
PHYS 122	**Fundamentals of Physics II**
PHYS 141	**Principles of Physics**
PHYS 142	**Principles of Physics**
PHYS 262	**Gen. Phys.: Vibrations, Waves, Heat, Electricity, and Magnetism**
PHYS 263	**Gen. Phys.: Electrodynamics, Light, Relativity and Mod. Physics**
PHYS 272/275	**Intro. Physics: Vibration, Waves, Heat, Fluids, Optics, and Light/Experimental Physics I: Mechanics & Thermodynamics (BOTH COURSES MUST BE TAKEN IN THE SAME SEMESTER)**

CORE Life Sciences Laboratory: (CORE CODE: LL)

AGRO 101	**Intro. Crop Science**
AGRO 202	Fundamentals of Soil Science (formerly 302)
ANTH 220	**Intro. to Biological Anthropology (D)**
BSCI103	**The World of Biology (formerly BIOL)**
BSCI 105	**Principles of Biology I (formerly BIOL)**
BSCI 105M	**Principles of Biology I (formerly BIOL)**
BSCI 106	**Principles of Biology II (formerly BIOL)**
BSCI 122	Microbes and Society (formerly MICB 100)
BSCI 124/125	**Plant Biology and Lab in Plant Biology (formerly PBIO 100/101) (Both courses must be taken in the same semester)**
BSCI 201	**Human Anatomy and Physiology I (formerly ZOOL)**
BSCI 223	**General Microbiology (formerly MICB 200)**
BSCI 224	**Animal Diversity (formerly ZOOL 210)**
BSCI 227	**Principles of Entomology (formerly ENTM 205)**
CHEM 104	Fund. of Organic and Biochemistry
HORT 100	Intro. to Horticulture

CORE Math or Formal Reasoning Laboratory: (CORE CODE: ML)

NONE

CORE Non-Laboratory:

Only those courses that appear on the approved CORE non-lab lists may be counted as CORE non-lab courses.

CORE Physical Sciences Non-Laboratory: (CORE CODE: PS)

ASTR 100	**Intro. to Astronomy (if taken Fall 1993 or after)**
ASTR 120	**Introductory Astrophysics - Solar System**
ASTR 200	**Intro. Astronomy and Astrophysics**
ASTR 220	**Collisions in Space**
BSCI 123	Causes & Implications of Global Change (also as GEOG/GEOL/METO 123)
CHEM 121	Chemistry in the Modern World
ENES 100	**Introduction to Engineering Design**
ENES 105	How Things Work - Basic Tech. Literacy
GEMS 101	Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both.)
GEOG 123	Causes & Implications of Global Change (also as GEOL/METO/BSCI 123)
GEOG 140	Coastal Environments
GEOL 104	**Dinosaurs: A Natural History**
GEOL 123	Causes & Implications of Global Change (also as GEOG/METO/BSCI 123)
GEOL 212	Planetary Geology
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228Q	**Nuclear Physics and Society**
HONR 228R	From Crisis to Chaos
HONR 259C	Fearfully Great Lizards: Topics in Dinosaur Research
HONR 259M	The Science in Science Fiction
METO 123	Causes & Implications of Global Change (also as GEOG/GEOL/BSCI 123)
METO 200	**Weather and Climate**
PHYS 101	**Cont. Physics-Revolutions in Physics**
PHYS 111	**Physics in the Modern World**
PHYS 112	Physics in the Modern World
PHYS 161	**General Physics: Mechanics and Particle Dynamics**
PHYS 171	**Intro. Physics: Mechanics**
UNIV 138A	The Nile, Technology, Politics, & the Environment (This course may be counted toward only ONE of three areas: LS, PS, or SH)

CORE Life Sciences Non-Laboratory: (CORE CODE: LS)

AGRO 105	**Soil and Environmental Quality**
BSCI 205	**Environmental Science (formerly PBIO 235)**
BSCI 206	Chesapeake: A Living Resource (formerly PBIO 255)
HESP 108W	Left Brain, Right Brain (also as HONR 228W)
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228G	**Sea Monsters and Deep Sea Sharks**
HONR 228N	Environmental Physiology and the Chesapeake Bay
HONR 228W	Left Brain, Right Brain (also as HESP 108W)
HONR 229A	The Changing Chesapeake Bay: Past, Present, and Future
HONR 278E	**Our Environment: What Does Science Have To Do With It?**
HONR 278P	**Case Studies in Biology and Culture (D)**
HONR 279B	Evolution of Diseases
HONR 279G	The Biological Basis of Mental Illness
KNES 260	**Science of Physical Activity & Cardiovascular Health**
NFSC 100	**Elements of Nutrition**
UNIV 138A	The Nile, Technology, Politics, & the Environment (This course may be counted toward only ONE of three areas: LS, PS, or SH)

CORE Math or Formal Reasoning Non-Laboratory: (CORE CODE: MS)

CMSC 150	**Intro. to Discrete Structures**
GEOG 170	Maps and Map Use
HONR 169Z	Knowledge & Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 228A	**Science and Pseudo-science: An Investigative Approach**
HONR 228J	Selected Mathematical Classics
HONR 258N	**Phil. & Computers (also as PHIL 209P)**
MATH 111	**Intro. to Probability**
MATH 140	**Calculus I**
MATH 141	**Calculus II**
MATH 220	**Elementary Calculus I**
MATH 221	**Elementary Calculus II**
MATH 240	**Intro. to Linear Algebra**
PHIL 170	**Introduction to Logic**
PHIL 209P	**Phil. & Computers (also as HONR 258N)**
PHIL 271	**Symbolic Logic I**
STAT 100	**Elementary Statistics and Probability**

CORE Social Sciences and History - *3 courses*

CORE Social or Political History: (CORE CODE: SH)

AASP 100	**Intro. to Afro-American Studies (D)**
AASP 109P	Urban Black America: Politics & Protest (D)
AASP 202	**Black Culture in the United States (D)**
AASP 298C	**African Civilization to 1800 (also as HIST 122) (D)**
ENGL 260	**Introduction to Folklore**
GEMS 101	Technological Innovation: An Historical Perspective (Students may count this course in one of two areas: SH or PS, but not both.)
HIST 106	Amer. Jewish Exper. (also as JWST 141)
HIST 111	**The Medieval World**
HIST 113	**Modern Europe: 1789 - Present**
HIST 120	**Islamic Civilization (D)**
HIST 122	**African Civilizations to 1800 (also as AASP 298C) (D)**
HIST 126	Jewish Civilization (also as JWST 121)
HIST 156	**History of the U.S. to 1865**
HIST 157	**History of the U.S. since 1865**
HIST 174	Intro. to the History of Science
HIST 175	**Science & Tech. in Western Civilization**
HIST 210	Women in America to 1880 (also as WMST 210) (D)
HIST 211	**Women in America since 1880 (also as WMST 211) (D)**
HIST 212	Women in Western Europe, 1750-Present (also as WMST 212) (D)
HIST 219C	US-East Asian Cultural Relations (D)
HIST 234	History of Britain to 1485
HIST 235	**History of Britain 1461-1714**
HIST 236	History of Britain 1688 to Present
HIST 237	Russian Civilization (D)
HIST 250	**Latin-American History I (D)**
HIST 251	Latin-American History II (D)
HIST 260	The North Atlantic World 1550-1800
HIST 266	**The United States and World Affairs**
HIST 275	Law & Constitutionalism in American Hist.
HIST 281	Intro. to the Rabbinic Movement (also as JWST 230) (D)
HIST 282	**History of the Jewish People I (also as JWST 234) (D)**
HIST 283	History of the Jewish People II (also as JWST 235) (D)
HIST 285	East Asian Civilization II
HONR 248B	The Dynamics of Jewish Survival
HONR 248G	**Social and Group Violence in America**
HONR 2480	**The Military & the Media in Amer. History**
HONR 248R	Critical Issues in the African-American Experience in the Americas (D)
HONR 248W	**America in the1960's**
HONR 249S	The U.S. in Vietnam: A Crossroads in American Society
HONR 258V	**American Attitudes Toward War**
HONR 259K	From a City on the Hill to NATO on the Plain: The Rise & Fall of American Isolationism
HONR 268B	How the West was Won and Lost: The Legacy of Conquest on the American Frontier
HONR 268N	**The First Amendment on the Line: Religion and the Public Schools**
HONR 269A	The History of Crime: Criminal Justice in Modern Europe
JWST 121	Jewish Civilization (also as HIST 126)
JWST 141	Amer. Jewish Exper. (also as HIST 106)
JWST 230	Intro. to the Rabbinic Movement (also as HIST 281) (D)
JWST 234	**History of the Jewish People I (also as HIST 282) (D)**
JWST 235	History of the Jewish People II (also as HIST 283) (D)
KNES 293	**History of Sport in America**
UNIV 138A	The Nile, Technology, Politics, & the Environment (This course may be counted toward one of three areas: LS, PS, or SH)
WMST 210	Women in America to 1880 (also as HIST 210) (D)
WMST 211	**Women in America since 1880 (also as HIST 211) (D)**
WMST 212	Women in Western Europe, 1750-Present (also as HIST 212) (D)

CORE Behavioral and Social Science: (CORE CODE: SB)

AASP 101	**Public Policy and the Black Community**
AMST 207	**Contemporary American Cultures (D)**
ANTH 240	**Introduction to Archaeology (D)**
ANTH 260	**Intro. to Sociocultural Anthro. and Linguistics (D)**
ANTH 262	Culture and Environment (D)
AREC 240	**Intro. to Economics and the Environment**
AREC 250	**Elements of Agri. & Resource Economics**
CCJS 100	**Intro. to Criminal Justice**
CCJS 105	**Intro. to Criminology**
CPSP 123	**Issues in Environmental Studies**
CPSP 124	**Issues in International Studies**
CPSP 126	**Issues in Public Leadership**
CPSP 227	**College Park Scholars Capstone: Science Technology and Society**
ECON 105	Economics of Social Problems
ECON 200	**Principles of Micro-Economics (formerly as ECON 203)**
ECON 201	**Principles of Macro-Economics**
EDHD 230	**Human Dev. & Societal Institutions (D)**
GEMS201	**Technological Innovation: Industrial and Organizational Psychology**
GEOG 100	**Introduction to Geography**
GEOG 130	Developing Countries (D)
GEOG 202	The World in Cultural Perspective
GVPT 100	**Principles of Government and Politics**
GVPT 170	**American Government**
GVPT 200	**International Political Relations**
GVPT 250	**Intro. to International Negotiation (D)**
HESP 120	**Introduction to Linguistics**
HONR 169Z	Knowledge and Its Human Consequences (This course may be counted toward one of: HO, SB, PS, LS, or MS. Please contact the University Honors Program for details.)
HONR 248C	Changing Worlds: Economic, Political, and Social Devel. in Former Soviet Bloc
HONR 248H	Deviance and Disability in Context
HONR 248L	Conflict, Cooperation, and Strategy
HONR 248M	The Idea of City Planning
HONR 248Q	Responsibility & Irresponsibility and the News Media
HONR 248U	World-wide Implications of Infectious Diseases

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CORE Behavioral & Social Science: (SB)cont'd

HONR 249C	Economic Development, Population, and the Environment
HONR 249I	**The Examined Life**
HONR 249J	**Economics and the Environment**
HONR 249R	Global Environmental Change
HONR 249Y	Social and Political Movements
HONR 258Y	Economic Well-Being
HONR 268P	**Drugs and American Society**
HONR 269T	Understanding Nationalism: State Building and the Politics of Identity
HONR 278T	Evolution of Human Social Behavior
HONR 278V	Who Will I Be at 65? Being Aged in Cross-Cultural Perspective
HONR 278W	Mind and Brain: At the Interface of Neural Systems and Cognition
HONR 288L	**Medical Devices: Applied Ethics and Public Policy**
JOUR 100	Intro. to Mass Communication
LING 200	**Intro. Linguistics**
PHIL 280	**Intro. to Cognitive Science**
PSYC 100	**Intro. to Psychology**
SOCY 100	**Intro. to Sociology**
SOCY 105	**Intro. to Contemp. Social Problems**
SOCY 227	**Intro. to the Study of Deviance**
URSP 100	**Intro. to Urban Studies and Planning**
WMST 200	**Intro. to Women's Studies: Women & Society (D)**

CORE ADVANCED STUDIES - *2 courses (6 credits)*

Effective August 1994:

1. Students completing double majors or double degrees will have fulfilled the campus Advanced Studies requirement, unless their primary major or college has additional requirements.

2. **All CORE and USP students are now under the same two-course Advanced Studies requirement.**

3. The old Advanced Studies categories and lists are gone (except for the CORE Capstone list). Advanced Studies courses may now be selected from a much broader range of course offerings.

4. You must successfully complete at least two upper-level (300-400 level) courses (six credits) **outside** your major and after **56** credits.

5. You may substitute a CORE-approved Capstone course (taken **within** the major after 86 credits) or a senior or honors thesis for **one** of the two required courses (three credits).

6. Courses may **not** be taken on a pass-fail basis.

7. **The following may NOT be used to fulfill Advanced Studies requirements:** Professional Writing courses (courses that meet the CORE and USP Fundamental Studies upper-level writing requirement); courses used to meet Distributive Studies requirements; internships, practica, or other experiential-learning type of courses. If you have questions about the new requirements, please call the Office of Undergraduate Studies at 405-9359.

For help planning and choosing your advanced studies courses, visit CORE Online at: http://www.inform.umd.edu/GenEd

CORE Capstone (CORE CODE: CS)

CORE Capstone is an additional option under Advanced Studies for **both** CORE and USP students. You may substitute a CORE-approved Capstone course (taken within your major after 86 credits) or a senior or honors thesis for one of the two required Advanced Studies courses (three credits).

ANSC 420	Animal Production Systems
BCHM 399	Undergraduate Research in Biochemistry (must be taken for at least 3 credits)
BCHM 465	**Biochemistry III**
BMGT 457	**Marketing Policies and Strategies**
BMGT 495	**Business Policies**
BSCI 426	**Membrane Biophysics (formerly ZOOL 413)**
BSCI 464	**Microbial Biology (formerly MICB 480)**
CHEM 399	**Intro. to Chemical Research (MUST BE TAKEN FOR AT LEAST 3 CREDITS)**
CHEM 491	Advanced Organic Chemistry Laboratory
CHEM 492	**Advanced Inorganic Chemistry Lab.**
CMSC 412	**Operating Systems**
CMSC 424	**Database Design**
CMSC 435	**Software Engineering**
DANC 485	**Seminar in Dance**
ENAE 482	**Aeronautical Systems Design**
ENAE 484	**Space Systems Design**
ENBE 486	**Capstone Design II (Please note that both ENBE 485 and ENBE 486 must be completed in order to satisfy CORE Capstone requirements.)**
ENCE 466	**Design of Civil Engineering Systems**
ENCH 446	**Process Engineering Economics and Design II**
ENME 404	Mechanical Engineering Systems Design
ENME 472	**Integrated Product and Process Development II**
GEOL 394	**Research Problems in Geology**
HIST 309_	**Proseminar in Historical Writing**
HIST 396	**Honor's Colloquium II**
KNES 497	**Independent Studies Seminar**
LARC 471	**Project in Landscape Architecture II**
MAPL 420	**Mathematical Modeling (also as MATH 420)**
MATH 420	**Mathematical Modeling (also as MAPL 420)**
NFSC 422	**Food Product Research & Development**
NFSC 491	**Issues and Problems in Dietetics**
NFSC 495	Nutrition Research
NRMT 470	**Natural Resources Management**
PHYS 428	Physics Capstone Research

CORE HUMAN CULTURAL DIVERSITY - 1 course

1. Students must earn credit for <u>one</u> Diversity course from the following list and may do so **at any time** before graduation. Generally, upper level (300 or higher) Diversity courses should not be attempted before earning 56 credits (junior standing). Lower and upper level courses are listed separately below.

2. In the following CORE Diversity list, courses noted "*" also meet CORE Distributive Studies requirements. Diversity courses that are also approved for CORE Distributive Studies may be double counted.

CORE Diversity Courses Recommended for Freshmen and Sophomores: (CORE CODE: D)

AASP 100	**Intro. to Afro-American Studies***
AASP 109P	Urban Black America: Politics and Protest*
AASP 202	**Black Culture in the United States***
AASP 298B	Black and Asian Relations
AASP 298C	African Civilizations to 1800* (also as HIST 122)
AMST 207	**Contemporary American Culture***
AMST 212	Diversity in American Culture
AMST 298C	**Asian American Experience**
ANTH 220	**Introduction to Biological Anthropology***
ANTH 240	**Introduction to Archaeology***
ANTH 260	**Intro. to Sociocultural Anthro. & Linguistics***
ANTH 262	Culture and Environment*
ARCH 223	History of Non-Western Architecture*
ARTH 250	Art and Archaeology of Ancient America*
ARTH290	**Art of Asia***
ARTH 275	**Art of Africa***
CHIN 213	**Chinese Poetry into English: An Intro.***
CMLT 235	**Intro. to Lit. of the African Diaspora* (also as ENGL 235)**
CMLT 270	Global Lit. & Social Change*
CMLT 275	World Lit. by Women* (also as WMST 275)
CMLT 277	Lit. of the Americas*
CMLT 280	Film Art in a Global Society*
CMLT 291	**International Perspectives on Lesbian and Gay Studies***
DANC 138	**Intro. to Ethnic Dance (2 credits)**
DANC 200	**Introduction to Dance***
EDHD 230	**Human Dev. and Societal Institutions***
ENGL 234	**Intro. to African-American Literature***
ENGL 235	Intro. to Lit. of the African Diaspora* (also CMLT 235)
ENGL 250	**Intro. to Lit. by Women* (also as WMST 255)**
FREN 241	**Women Writers of French Expression in Transl'n* (also as WMST 241)**
FREN 242	**Black Writers of French Expression in Transl'n***
GEOG 130	**Developing Countries***
GERM 281	Women in German Lit. & Society* (also as WMST 281)
GVPT 250	**Intro. to International Negotiation* (formerly GVPT 288A)**
HIST 120	Islamic Civilization*
HIST 122	African Civilizations to 1800* (also asAASP 298C)
HIST 123	**African Civilizations since 1800* (also as AASP 298A)**
HIST 209A	Cross-Cultural Questions: Religious Fundamentalism in Twentieth Century United States and Middle East
HIST 210	Women in America to 1880* (also as WMST 210)
HIST 211	**Women in America since 1880* (also as WMST 211)**
HIST 212	**Women in Western Europe, 1750 - Pres.* (also as WMST 212)**
HIST 219C	US-East Asian Cultural Relations*
HIST 237	**Russian Civilization***
HIST 250	Latin-American History I*
HIST 251	**Latin-American History II***
HIST 255	**African-American History**
HIST 281	Intro. to the Rabbinic Movement* (also as JWST 230)
HIST 282	History of the Jewish People I* (also as JWST 234) (D)
HIST 283	**History of the Jewish People II***
HONR 218A	**In Search of Ancient Astronomies***
HONR 238R	Gender & Performance* (also as THET 195)
HONR 239C	**The Creative Process in Dance***
HONR 239G	African Literature*
HONR 239I	Buddhism: Personal and Social Transformations*
HONR 239M	Art of Asia* (also as ARTH 290)
HONR 239N	The Black Experience in American Drama*
HONR 248D	**Int'l Perspectives in Education**
HONR 248R	Critical Issues in the African-American Experience in the Americas*
HONR 258A	Untold Stories: Women Writers Reimagining the Western Tradition*
HONR 258F	Gender & Space in Film: A Comparative View*
HONR 258J	Modern Jewish Experience through Literature* (also as JWST 171)
HONR 258W	Exploring Homophobia: Demystifying Lesbian and Gay Issues
HONR 259D	**Understanding the Japanese through the Performing Arts***
HONR 268J	Religion and Progress: Islamic Science, Politics, and Economics*
HONR 269I	Immigrant Voices*
HONR 269L	**Hinduism: Karma, Dharma, Caste, Sects and Symbols***
HONR 269R	Putting One's Body on the Line*
HONR 278D	Women and Religion*
HONR 278P	Case Studies in Biology and Culture*
HONR 279R	**Art Making in the Global Village***
JWST 171	Modern Jewish Experience through Literature* (also as HONR 258J)
JWST 230	Intro. to the Rabbinic Movement* (also as HIST 281)
JWST 234	History of the Jewish People I* (also as HIST 282)
JWST 235	History of the Jewish People II* (also as HIST 283)
KNES 240	**Exploring Cultural Dvrsty through Mvmnt**
LASC 234	Issues in Latin American Studies I (also as PORT 234 and SPAN 234)*
LASC 235	**Issues in Latin American Studies II* (also as PORT 235 and SPAN 235)**
LING 210	Structure of American Sign Language*
MUSC 210	**The Impact of Music on Life***
MUSC 248A	**Musics of the World***
MUSC 248C	**World Popular Musics and Gender***
PORT 224	Brazilian Culture*
PORT 225	The Cultures of Portuguese-Speaking Africa
PORT 228A	An Interdisciplinary Approach to the Amazon Ecosystem (also as SPAN 228A)*
PORT 234	Issues in Latin American Studies I (also as LASC 234 and SPAN 234)*
PORT 235	**Issues in Latin American Studies II (also as LASC 235 and SPAN 235)***
RUSS 282	Contemporary Russian Culture*
SOCY 241	**Inequality in American Society**
SPAN 222	Cultural Difference in Contemp. Latin American Culture*
SPAN 223	U.S. Latino Culture*
SPAN 224	**Violence & Resistance in the Americas***
SPAN 228A	An Interdisciplinary Approach to the Amazon Ecosystem (also as PORT 228A)*
SPAN 234	Issues in Latin American Studies I (also as LASC 234 and SPAN 234)*
SPAN 235	**Issues in Latin American Studies II (also as LASC 235 and PORT 235)***
THET 195	Gender & Performance* (also as HONR 238R)
THET 240	African Americans in Film and Theater*
THET 293	Black Theatre and Performance I*
THET 294	Black Theatre and Performance II*
WMST 200	**Intro. to Women's Studies: Women & Society***
WMST 210	Women in America to 1880* (also as HIST 210)
WMST 211	**Women in America since 1880* (also as HIST 211)**
WMST 212	**Women in Western Europe, 1750-Present* (also as HIST 212)**
WMST 241	**Women Writers of French Expression in Transl'n* (also as FREN 241)**
WMST 250	**Intro. to Women's Studies: Women, Art, & Culture***
WMST 255	**Intro. to Lit. by Women* (also as ENGL 250)**
WMST 275	**World Lit. by Women* (also as CMLT 275)**
WMST 281	Women in German Lit. & Society*(also as GERM 281)

CORE Diversity Courses Recommended for Juniors and Seniors: (CORE CODE: D)

AASP 312	Social and Cultural Effects of Colonization and Racism
AASP 441	**Sci., Tech., and the Black Community**
AASP 443	**Blacks and the Law**
AASP 499R	Race and Gender: Political Theory, Econ., the Law, and Popular Culture
AGNR 401	Agricultural Support Systems in Developing Countries
AGRO 303	**International Crop Production**
AGRO 440	Crops, Soils, and Civilization
AMST 418J	Cultural Themes in America: Women and Family in American Culture
AMST 418K	Cultural Themes in America: Race in America: Theory and Policy
ANTH 362	Diversity in Complex Societies
AREC 365	**World Hunger, Population, and Food Supplies**
AREC 445	Agri. Development in the Third World
ARTH 375	Ancient Art & Archaeology of Africa (formerly ARTH 475)
ARTH 376	Living Art of Africa (formerly ARTH 476)
ARTH 384	**Art of Japan (formerly ARTH 395)**
ARTH 385	Art of China (formerly ARTH 390)
ARTH 485	Chinese Painting (formerly ARTH 490)
ARTH 486	Japanese Painting (formerly ARTH 495)
ARTT 463	Prin. & Theory: African-American Art
BSCI 302	**Women and Science (also as WMST 313) (formerly ZOOL 313)**
BSCI 365	**International Pesticide problems and Solutions (formerly ENTM 303)**
CCJS 370	**Race, Crime, and Criminal Justice**
CCJS 498A	Special Topics in Criminology and Criminal Justice: Women and Crime
CHIN 313	Chinese Poetry and Prose in Transl'n
CHIN 315	**Modern Chinese Literature in Transl'n**
CLAS 320	**Women in Classical Antiquity (also as WMST 320)**
COMM 324	**Communication and Gender (formerly SPCH)**
COMM 360	The Rhetoric of Black America (formerly SPCH)
COMM 469A	Discourse of Social Movements: Civil Rights (formerly SPCH)
COMM 469B	Rhetoric of the Abolitionist and Suffrage Movement (formerly SPCH)
COMM 482	**Intercultural Communication** (formerly SPCH)
EALL 300	The Languages of East Asia
ECON 375	**Econ. of Poverty and Discrimination**
EDCP 420	**Education and Racism**
ENGL 348_	**Literary Works by Women: (Topic will vary) (also as WMST 348_)**
ENGL 360	**African, Indian, and Caribbean Writers**
ENGL 362	**Caribbean Literature in English**
ENGL 368_	**Special Topics in the Lit. of Africa and the African Diaspora (Topic will vary)**
FMST 381	**Poverty, Affluence, and Families**
FMST 430	**Gender Issues in Families (also as WMST 430)**
FREN 482	Gender & Ethnicity in Modern French Literature
FREN 485	Ideologies and Relations Between the Sexes in French Literature
FREN 499B	Literature of Francophone
GEOG 323	Latin America
GEOG 326	Africa
GEOG 416	Overseas European Colonization and the Third World
GERM 349M	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as JWST 375)
GVPT 447	Islamic Political Philosophy
GVPT 471	Women and Politics
HIST 314A	**Crisis & Change in the Middle East & Africa: Nationalism & Nation-Building in the Middle East**
HIST 316A	Crisis and Change in Latin America: Slavery & Race Relations in Latin America
HIST 461	Blacks in American Life: 1865 to Present
HIST 473	History of the Caribbean
HIST 474	History of Mexico and Central America I
HIST 475	History of Mexico and Central America II
HIST 491	History of the Ottoman Empire
HIST 493	Victorian Woman in England, France and the United States (formerly HIST 458A)
HIST 494	Women in Africa
HIST 495	**Women in Medieval Culture and Society (formerly HIST 458C)**
HIST 496	Africa Since Independence
HLTH 471	**Women's Health (also as WMST 471)**
HONR 348D	Women in the Military (also as SOCY 498C)
HONR 348F	Women and the Media
JOUR 452	**Women in the Media (also as WMST452)**
JOUR 453	**News Coverage of Racial Issues**
JWST 375	Germanic Lit. in Transl'n: Masterworks of Yiddish Literature (also as GERM 349M)
KNES 492	History of the Sportswoman in American Organizations (also as WMST 492)
MUSC 320	Epic as Song and Saga: Cross-Cultural Perspectives
MUSC 432	Music in World Cultures I
MUSC 433	Music in World Cultures II
PHIL 407	Gay & Lesbian Philosophy (formerly PHIL 408I)
PORT 322	Survey of African Lit. of Portuguese Expression (in Portuguese)
PORT 378_	Brazilian Cinema (Topic will vary)
PORT 476	**Africa in Brazil**
PORT 478C	Women as Authors and Characters in Brazilian Literature (D)
PSYC 354	**Cross-Cultural Psychology**
SOCY 325	**Sociology of Gender (also as WMST 325)**
SOCY 498C	Women in the Military (also as HONR 348D)
THET 390	Clothing and Culture
THET 496	African American Woman Filmmakers (also as WMST 496)
THET 497	**Non-Traditional Theatre**
URSP 372	Diversity and The City
URSP 465	Comparative Urban Life and Change
WMST 313	Women & Science (also as BSCI 302)
WMST 320	**Women in Classical Antiquity (also as CLAS 320)**
WMST 325	**Sociology of Gender (also as SOCY 325)**
WMST 348_	Literary Works by Women (Topic will vary) (also as ENGL 348_)
WMST 430	Gender Issues in Families (also as FMST 430)
WMST 452	**Women in the Media (also as JOUR 452)**
WMST 471	**Women's Health (also as HLTH 471)**
WMST 492	History of the Sportswoman in American Organizations (also as KNES 492)
WMST 496	African American Woman Filmmakers (also as THET 496)

FOR FALL 1999 ONLY

The following CORE courses are approved for FALL 1999 only in the CORE categories noted.

AASP 298L	**Introduction to African-American Literature (HL) (D)**
ARHU 298D	**Texts in Performance (HA)**
HONR 238J	**Literature and Madness (HL)**
HONR 289V	**The Varieties of Community (SB)**
WMST 498I	**Communication and Gender (D)**

Department of Classics

CLAS 420 - THE CLASSICAL TRADTITION. What are the Roman origins of "Shakespeare In Love"? What does Cleopatra have in common with "Elizabeth"? The Classical Tradition will explore the role of performance in the ancient Roman world, and the influence of ancient performance on European stage traditions. Meets MWF 11:00 - 11:50. Instructor - Jessica Dietrich.

Comparitive Literature Program

CMLT679C - FILM AND VIDEO ACROSS THE CURRICULUM. Increasingly advanced graduate students are being asked at job interviews about their ability to work not only with print but with film, video, and various forms both of left and right brain communication. In a world where Nobel Prize level writers (Beckett, Mahfouz, and Marquez for example), and prominent scholars (such as Laura Mulvey and Janet Murray), have become just as at home with working on and for the screen, the curricular relationship of "other media" to long-dominant print culture warrants fundamental re-examination. This course will be taught by John Fuegi and internationally known scholar both in print and non-print culture. Meets Monday 6:30-9:00 p.m.

CMLT 679D/ENGL759 - TEXT AND PRE-TEXT - CARIBBEAN LITERATURE IN MULTI-CULTURAL PERSPECTIVE. In this seminar, we will discuss selected texts and the multiplicity of cultural influences on the development of Caribbean literature. Multi-cultural is hyphenated to disassociate our approach on the course from a notion of multicultural which suggests a dash of what has come to be regarded as "the ethnic" in an otherwise un-ethnic world. Pre-text focuses on the texts and ideas which are said to have contributed to the creation of our selection. Among texts and themes to be considered are Jean Rhys' *Wide Sargasso Sea* and Charlotte Bronte's *Jane Eyre*; Jamaica Kincaid's *Annie John* and Milton's *Paradise Lost*, Shakespeare's *The Tempest* and its influences on Caribbean texts and critical thought on Caribbean literature, Gabriel Garcia Marquez' *One Hundred Years of Solitude* and the multiplicity of influences on its creation, the Caribbean calypso and its origins in African traditional poetry. In the course we will discuss how the literature suggests a constant dialogue between cultures. Dr. Merle Collins. Meets Thursday 3:30-6:00 p.m.

CMLT 768 - COMPARATIVE PERSPECTIVES ON GENDER AND SEXUALITY. Current scholarship makes startlingly clear that sexuality and gender are contingent categories differently configured across time and place. Working with discourses ranging from medical writings to poetry to theory, this course will emphasize historical shifts in constructions of gender and sexuality within the context of imperialist Europe from the early modern to the postmodern age. We will also examine differences in selected countries and cultures around the world today. Meets Wednesday 3:30-6:00pm. Instructor-Dr. Susan Lanser.

Department of French and Italian

FREN 449 - THE ENLIGHTENMENT (in French)

FREN 474 - CONTEMPORARY FRANCE: A SOCIOCRITICAL APPROACH (in French)

FREN 489 - THE SHORT STORY FROM GEORGE SAND TO LE CLEZIO: Short Fiction in French from the 19th and 20th Centuries (in French)

FREN 489C - THE FRENCH THEATER (in French)

ITAL 121/H - ACCELERATED ITALIAN. Rapid acquisition of reading and speaking skills. With 122 completes language requirement.

ITAL 411 - DANTE (in English). A close reading of the Vita nuova and the *Divine Comedy*.

ITAL 421 - THE ITALIAN RENAISSANCE (in Engligh). A study of major writers and thinkers of the Italian Renaissance including Boccaccio, Petrarch, Ariosto and Machiavelli.

Department of German

GERM 368 - CONTEMPORARY SWEDEN. This course will look at Sweden, its history, culture and society from many different points of view. We will discuss in particular the development of Sweden's welfare state, whether the "Swedish Model" is viable in the next millennium, and Sweden's integration into the EU. Meets Tuesday 2:00-4:30.

GERM 476 -SANSKRIT I. The first semester introduces the writing system, basic grammar, and a historic introduction to the classical language. No previous language skills required. Instruction in English. 3 credits. Second semester offered Spring 2000.

The Language Center (FOLA)

FOLA (Critical Languages). DIRECTED STUDY OF A FOREIGN LANGUAGE NEW - SWAHILI: FOLA 138M and 139M
Other Languages offered by FOLA: Hungarian, Dutch, Polish, Persian, Turkish, Hindi, Egyptian Arabic (levels 3 & 4), Urdu, Tagalog, Modern Western Armenian, Vietnamese (Listed under FOLA 138 - 159) The FOLA program enables qualified students to acquire speaking knowledge of certain languages not currently offered in regular course format.

Department of Mathematics

HONR 289U - IN SEARCH OF TRUTH: DECISION PROCESSES. Sherlock Holmes, in *A Study in Scarlet*, said that the fact that whether the earth went around the sun or around the moon made no difference to him. Richard Feynman wondered why biologists wasted all of their time memorzing stuff that could be looked up in 15 minutes. These characters, one fictional and one very real, were more interested in the methods of discovering the truth than facts. Facts are interesting, but it is with a method that we discover whether the facts are true. This course will review many of the methods that have proven effective in establishing the truth. The objective is to understand what we can say, how we can say it, and how confident we are in the conclusions. For further information, please contact the University Honors Program Office (Anne Arundel Hall, x56658).

MAJOR IN MATHEMATICS

If you are interested in the opportunities of being a Mathematics major, please contact Fawzi Emad at fpe@math.umd.edu or ext. 54362 or visit the department's web site at www.math.umd.edu/undergrad.

Department of Natural Resource Sciences and Landscape Architecture

The Department of Natural Resource Sciences and Landscape Architecture (NRSL) offers courses in Agronomy (AGRO), Horticulture (HORT), Landscape Architecture (LARC) and Environmental Science and Policy (ENSP). The department's Undergraduate Office is located in 2102 Plant Sciences Building (PLS). For further information on our program, see the course listings in this issue and visit our web site: http://www.agnr.umd.edu/users/nrsl/ Some courses you might find interesting are:

AGRO 105 - SOIL AND THE ENVIRONMENT. CORE Distributive Studies: Life Science (3) This is a down-to-Earth course that uses an ecological approach and a worm's eye view of the soil system to get you involved with such critical issues as non-point source pollution of the Bay, solid waste management, food production, land use planning, home-site selection, radon gas poisoning, and more. 3 credits

ENSP 101 - INTRODUCTION TO ENVIRONMENTAL SCIENCE. First part of a 2-semester course sequence that introduces students to the topics studied and methods employed in modern environmental science studies. Emphasis will be on critical evaluation of information available on such topics as atmospheric chemistry, radiation transfer, water pollution and overuse of groundwater, natural resources and biodiversity. 3 credits.

LARC 160 - INTRODUCTION TO LANDSCAPE ARCHITECTURE. CORE Humanities (HO) Course. History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences. 3 credits.

HORT489 - INTRODUCTORY PLANT PATHOLOGY. Available for credit at the undergraduate and graduate level. (A special paper is required for graduate students). It will be taught in the teaching theater and laboratory in the Plant Sciences Building using a recently published text and newly acquired resources. The course is designed for students interested in agronomy, plant biology or botany, entomology, horticulture, microbiology as well as general biology. It deals with the nature, causes and management of plant diseases. This course will fascinate you with details and give the guidelines of a scientific discipline involved in feeding a hungry world. 4 credits.

Department of Urban Studies and Planning

URSP 100 (0201) - THE CHALLENGE OF THE CITIES. The unique approach used in this section to introduce students to the study of urban life and change emphasizes (a) world cities, (b) urban planning, and (c) cultural diversity. Films and a novel as well as more traditional materials are used, and there is an off-campus field research opportunity.

URSP 662 - URBAN AND REGIONAL PLANNING IN DEVELOPING COUNRIES. This seminar emphasizes urbanization, mega-city development, urban life, the formal and informal economy, and planned change in countries of the two-thirds world. There is no prerequisite, and all campus graduate students are welcome.

URSP 691 - POLITICS AND PLANNING. Who has power in planning cities? How can city governments and community organizations make decisions? How can planners exercise power? This course looks at the ways planning is inherently political. It identifies different kinds of power. It presents strategies for planners, analysis, and other practitioners to influence decisions. Readings include case studies of city and community planning, interviews with planners, and guides for mastering the politics of planning. The course will be of interest to students in the social sciences; students in community planning, public affairs, or other practice fields; and students with interests in cities, politics, or planning. Meets Mondays 4:00-6:30.

Career Center

Address: 3121 Hornbake Library, South Wing
Temporary Spring 1999 location: 1st floor Holzafel Hall
Phone: 301-314-7225
Fax: 301-314-9114
e-mail: Career-center-help@umail.umd.edu
web: http://www.CareerCenter.umd.edu

The Career Center helps students at all points in their academic careers with career goals and decisions. Career Center staff help to guide students to the answers for such questions as "How are my interests, skills and values related a major or a career field?" "How do I gain experience related to my major?" "What are some effective strategies for getting a job or selecting a graduate school?" Career Center programs and services are designed to be used effectively by students from freshmen year until the end of their stay at UM. Students who begin to plan their education and career early in their college experience will be in the best position to direct themselves toward meaningful and rewarding careers upon graduation.

Resources

Resource Room: Those entering the Career Center will first encounter its Resource Room, a multi-media collection of resources to help students and alumni learn about career planning and job search strategies. Resources include comprehensive reference material on self-assessment, career exploration, graduate/professional schools, job search skills such as resume writing and interviewing, and directories of employers. Students can receive career information and guidance through a variety of resources: Focus II, an interactive career planning computer program; job listings for part-time, internship, and full-time opportunities; computers with an internet; connection technical assistance for TERP Online; and walk-in assistance from Career Center staff. See Career Center Hours of Operation.

Career Assistance: Career Center staff assist students in identifying careers and majors suited to their interests, values, and skills, developing skills for job search, graduate training, or career change. Walk-in assistance is available on a daily basis in the Resource Room; also available are individual appointments with professional staff.

Web Site: Students can visit the Center on-line to explore majors, identify potential employers, get tips on writing a resume and conducting a job search, find out about employers participating in on-campus interviewing and career/job fairs, review job listings, research organizations, access other job search sites, learn about graduate programs, and much more.

Publications: The ***Career Planning Manual*** is a special guide for career planning, conducting a job search, and applying to graduate school. Contents include resume writing guides, successful interviewing techniques, and job search strategies. A preliminary list of employers participating in the On-Campus Interviewing program is featured.

TerpWorks is a newsletter filled with timely and relevant career and employment information-- local and national-- for the campus community. Topics include trends by career field, employment outlook for graduating seniors, "real world" tips from employers and alumni, and valuable information for students in all stages of their career process. *Both publications are available to students free of charge.*

Employer-In-Residence: Through the Employer-In-Residence program students receive advice on resumes, cover letters, and interviewing concerns; and offers mock interviews with an option of videotaping review of the session. Employers represent organizations which typically use Career Center services for their employment needs. To participate, students must make an appointment through the Center.

Credentials Service: Every University of Maryland undergraduate and graduate student can establish a permanent, professional file which serves as a place to keep letters of recommendation and background information to support applications for employment and graduate/professional schools. ***NOTE:*** *All senior Education majors are required to establish a credentials file.*

Student Employment Center (SEC)

Within the Career Center, the SEC seeks to enhance the employment experiences of UM students through a variety of services, programs, advocacy, and research. The SEC advocates an "earn and learn" philosophy by helping students to see the connection between their work experiences and classroom learning or academic major, while earning experience, money, and/or credit. The SEC provides "one-stop shopping" where students can look for:

- part-time jobs
- internships
- cooperative education (co-op) positions
- graduate assistantships
- full-time employment

Students interested in pre-professional work experiences should consider an internship or co-op. Interested students should view the Center's "Earn While You Learn"to learn about these positions and find out how to pursue academic credit. For specific requirements, see *Experiential Learning Course* below.

Through TERP **(The Employment Registration Program Online,)** students can access job listings and sign up for on-campus interviews from any computer with Internet access, 24 hours a day.

FEDERAL WORK STUDY STUDENTS NOTE: Students eligible for Federal Work Study/ Community Service positions should contact the Office of Student Financial Aid at 301-314-8313.

TERP Online: For fast and comprehensive access to employment opportunities, the Career Center recommends that every student register for TERP Online. TERP Online provides students access to Job Listings, On-Campus Interviewing, and Resume Referral as well as updated information on career and job fairs. TERP Online students receive special e-mail bulletins on upcoming employment events related to their major. The system is easy to use, and is accessible through any computer with Internet access. Technical assistance is available in the resource room. To register attend a TERP Online workshop scheduled throughout the Fall and Spring Semesters. NOTE: Students must re-register once a year in order to maintain active information in our database.

Job Listings: Current job listings--including part-time, internship, cooperative education, graduate assistantship, and full-time positions-- are accessible 24 hours a day via TERP Online and in the Resource Room during Career Center hours. Additional jobs are posted on the bulletin boards outside the Center. Students seeking short term part time jobs should consider our Quick Bucks e-mail service.

On-Campus Interviewing: On-Campus Interviewing offers students the opportunity to interview on campus with a variety of employers for part-time, internship, cooperative education and full-time positions. To participate in On-Campus Interviewing, students must register for TERP Online. NOTE: On-Campus Interviewing is available to recent alumni for one semester after graduation.

Resume Referral: This resume database allows students and alumni to present their qualifications to employers who are not interviewing on campus. Through posting a resume in TERP Online, the student joins a pool of candidates accessible to employers requesting applicants with specific skills or backgrounds to fill their current job openings. Employers review the resumes and then contact qualified candidates to arrange office interviews or request additional information. Last year alone, the Career Center sent almost 50,000 student resumes to employers. To take advantage of Resume Referral, students must register for TERP Online.

ENGINEERING MAJORS NOTE: for part-time, internship, and cooperative education positions, contact the Engineering Co-op and Career Services office at 301-405-3863.
BUSINESS MAJORS NOTE: for part-time, internship, cooperative education, and full-time positions contact the Undergraduate Business Career Services office at 301-405-7103.
COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES majors:
For part-time and full time internship opportunities as well as any career development related issues, contact CMPS Career Services Office (Rm. 3400, AVW) at (301) 405-0486 or careers@deans.umd.edu. Visit our web site at www.umd.edu/cmps/careers.

Academic Courses

EDCP 108D - College and Career Advancement: Career Planning and Decision-Making. Confused about choosing a major? This course helps students identify career interests, skills, and values and how they relate to UM majors. Recommended for Freshmen and Sophomores. 1 credit

EDCP 108J - College and Career Advancement: Job Search Strategies. This course is designed to help students learn special skills needed to be successful in today's job market. Topics include: networking, interviewing, resume writing, and planning for your career future. Junior or Senior standing required. 1 credit

Experiential Learning Courses:
Some internships are eligible for academic credit. In order to earn credit, students must contact the department in which they want to pursue credit to see what courses are available. Eligibility requirements will vary by department.

Special Events

Special events bring students and employer representatives together for information exchange and employment contact. Stay tuned on the following special events through the "What's Happening Now" section of the Career Center's website.

FALL

- Career Series - panel discussions, brown bag lunches, resume clinics, workshops and more.
- Part-Time Job Fair
- Career Fair (Internship, co-op, and full-time)
- Graduate & Professional School Fair Grad Day
- International Student Job Fair
- Graduate & Professional School Fair Law Day
- Holiday Job Fair
- Teacher Recruitment Days

SPRING

- Career Series - panel discussions, brown bag lunches, resume clinics, workshops and more.
- Multi-Ethnic Student Career & Job Fair
- National Student Employment Week
- Spring Job Fair (summer, internship, co-op, part-time and full-time)
- Maryland/Metropolitan Area Teacher Interviewing Consortium

Hours of Operation

(Hours vary during the summer and semester breaks.)

	Resource Room	*Walk-in Assistance*	*TERP Online Technical Assistance*
Monday	**8:30am-4:30pm**	**11:00am-3:00pm**	**8:30a.m.-4:30p.m.**
Tuesday	**8:30am-4:30pm**	**11:00am-3:00pm**	**8:30a.m.-4:30p.m.**
Wednesday	**8:30am-6:00pm**	**11:00am-5:00pm**	**8:30a.m.-4:30p.m.**
Thursday	**8:30am-4:30pm**	**11:00am-3:00pm**	**8:30a.m.-4:30p.m.**
Friday	**8:30am-4:30pm**	**11:00am-3:00pm**	**8:30a.m.-4:30p.m.**

Change of Address Procedure

Change in either mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar and the Office of the Registrar. Address Change Forms are available at the following places:

1. Testudo Web Site: www.testudo.umd.edu. Select Records and Registration
2. MARS Kiosks : Mitchell Building, Stamp Union, Ellicott Dining Hall, Van Munching Hall, 7:30am-11:00pm
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday
4. Office of the Bursar, Room 1115 or 1135, Lee Building, 8:30 a.m. to 4:30 p.m., Monday-Friday.
5.. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.
All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at University of Maryland, College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

The Counseling Center

Shoemaker Building, Phone 301-314-7651, Fax 301-314-9206
http://www.inform.umd.edu/CampusInfo/Departments/Counseling
Seeking help is a sign of strength! Many students encounter a variety of personal, social, career, and academic issues that call for assistance beyond advice provided by friends and family. Fortunately, the Counseling Center provides free and confidential counseling services to all UMCP students. To schedule an appointment call 301-314-7651 or stop by the Shoemaker Building. Walk-in counseling is available to minority students every day from 3 to 4 p.m.

Counseling Center Services
Personal/Social Counseling. You don't have to deal with your problems alone. In a warm and supportive environment, you can meet with a professional counselor to discuss any concern you may have related to your personal and social well-being. Among the topics many students discuss in counseling are self-esteem, stress, relationship issues, sex, family problems, and loneliness. You may see a counselor for individual counseling or join one of the many counselor-led support groups. Call 301-314-7651
Career Counseling. A normal part of your development in college is identifying who you are in relation to a future career. You can get help with this process in individual career counseling at the Counseling Center. Your exploration may include taking career interest tests and interpreting the results with a professional counselor or taking advantage of a computerized career information system. Whether you are choosing a major, establishing career goals, or considering job opportunities, it is important to

understand how your personality, values, and interests relate to your future professional life. Career counseling at the Counseling Center is a good place to begin. Call 301-314-7651.

Academic Skills Counseling. Many students have academic skills that they would like to improve. If you're tired of struggling because of your own weak areas, schedule an appointment to see the Counseling Center's education specialists. They can help you enhance such skills as reading, writing, note-taking, learning science and math material, and learning statistics. Workshops cover a range of topics, including study skills, exam skills, time management, English conversation, end-of-semester survival skills, and completing your thesis or dissertation. Call 301-314-7693.

Workshops and Group Counseling. You can gain strength to deal with your concerns by getting together with other people who share similar problems, interests, and goals. Each semester, the Counseling Center offers weekly support groups addressing a variety of topics, such as career exploration, dissertation support, procrastination prevention, and stress management. Recent group offerings have included, "Caught in the Net," a support group for reducing dependency on e-mail and the Internet; "Circle of Sisters," a support group for black women; "Women, Food, and Obsession with Thinness," which addresses problems of body image and eating; and "Living with Illness," a group that assists people living with chronic illness. Call 301-314-7651.

Support for Students with Disabilities. The Counseling Center provides a range of services for students with disabilities, including help in locating interpreters for deaf or hard-of-hearing students; readers for visually-impaired students, blind students, and students with learning disabilities; and assistance with access to various buildings and facilities on campus. If you are a new or returning student, contact the Disability Support Services Office in the Counseling Center as soon as possible. Call 301-314-7682, voice and TTY.

Returning Students Program. If you are over 25 and returning to school after a break in your formal education, you probably have different needs than the traditional college student. The Returning Students Program is designed to help you with the transition to academic life. Workshops, counseling, and publications are available at the Counseling Center to make your adjustment to the university successful. Call 301-314-7693.

Testing Services. The Counseling Center administers tests for counseling purposes, such as career interest inventories, and also administers national standardized tests, such as the GRE, LSAT, MCAT, GMAT, and Miller Analogies. Call 301-314-7688.

Research Services. Group and individual consultation are available if you need assistance with research design and statistics and writing project proposals, theses, and dissertations. Call 301-314-7687.

Consultation and Evaluation for Parents and Children. Consultation, counseling and child testing are available to assist parents, single parents, and their children (ages 5-14). 301-Call 314-7673.

Counseling Center Hours

Counseling appointments (all students):
Monday-Thursday 8:30 a.m. to 9 p.m.
Friday 8:30 a.m. to 4:30 p.m.
Minority student walk-in counseling (no appointment needed):
Monday-Friday 3:00 to 4:00 p.m.

Credit by Examination for Undergraduates

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Division of Letters & Sciences (L&S), Room 1117, Hornbake Library. See Barbara Bennett, 301-314-9423. For more information, consult the undergraduate catalog.

Disclosure of Student Records (Buckley)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:

(1) To permit students to inspect their education records.

(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.

(3) To provide students the opportunity to seek correction of their education records where appropriate.

Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.

Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information includes but is not limited to:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Full or Part-time Status	Most Recent Previous Educational Institution Attended
Major Field of Study	e-mail address

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter, Mitchell Building, and return the completed form to the Registrations Counter. **To limit disclosure of Directory information and printing of information in the student directory requests must be made within 3 weeks from the first day of the semester in which the student begins each school year.** Such requests must be filed annually within the above allotted time.

Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 600 Independence Avenue, S.W., Washington, D.C. 20202-4605.

For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

Drug and Alcohol Abuse Policy

The illegal or abusive use of drugs or alcohol by members of the campus community jeopardizes the safety of the individual and the campus community, and is inimicable to the academic learning process. The University of Maryland is therefore committed to having a campus that is free of the illegal or abusive use of drugs and alcohol. In keeping with this commitment, it is the policy of the University that the illegal or abusive use of drugs or alcohol is prohibited on University property or as part of University activities. This POLICY is to notify students of prohibited conduct and disciplinary actions which may result from violation of University policy.

Prohibited Conduct: Drugs

The *Code of Student Conduct* prohibits, on University premises or at University sponsored activities, the

1) unauthorized distribution; 2) possession for purposes of distribution 3) use; or 4) possession of any controlled substance or illegal drugs.

"Controlled substance" and "illegal drugs" prohibited under the Code are set forth in Schedules I through V in Article 27, part 279 of the Annotated Code of Maryland.

Prohibited Conduct: Alcohol

The *Code of Student Conduct* prohibits the violation of published University regulations or policies regarding the possession, use or distribution of alcoholic beverages, as approved and compiled by the Vice-President for Student Affairs. These policies, generally described below and subject to amendment from time to time, are available for public inspection during normal business hours in the Judicial Programs Office.

The Resident Life Alcohol Policy controls the use, possession or distribution of alcohol in campus residence halls. This policy prohibits the possession or use of alcohol by any student under the age of 21 or the furnishing of alcohol to a person known to be under the age 21. It prohibits common containers (such as a keg or punchbowl) the sale of alcohol, and parties involving alcohol. Students of legal drinking age may consume alcohol in their rooms, suites or apartments only.

The Office of Campus Program Alcohol Policy controls the use, possession, or distribution of alcohol by students on University premises or at University sponsored activities. This policy prohibits the possession or use of alcohol by any student under the age of 21 or furnishing of alcohol to a person known to be under the age of 21. Alcoholic beverages otherwise may not be possessed, consumed or distributed at University sponsored events occurring on University premises unless advance written approval has been obtained from the Office of Campus Programs. In addition, the University Policy on Possession or Use of Common Containers of Alcohol prohibits the possession or use of kegs, beer balls, punch bowls, and other common containers of alcoholic beverages or a similar nature on University property, except for possession and use resulting from licensed purchase by the University's Department of Dining Services.

Disciplinary Sanctions Sanctions for violations of University drug and alcohol policies include expulsion, suspension, disciplinary probation, disciplinary reprimand, restitution, dismissal from University housing, housing probation, work or research projects, and restrictions on further use of University facilities. **The standard penalty for first time possession or use of illegal drugs is a one year suspension. The standard penalty for distribution of illegal drugs is expulsion.** Students may be accountable to both civil authorities and the University for acts which constitute violations of law and University policy. Disciplinary action at the University will normally proceed during the pendency of criminal proceedings and will not be subject to challenge on the grounds that criminal charges involving the same incident have been dismissed or reduced.

Emergency Weather Conditions

When there are severe weather conditions, you should listen to the radio or watch TV to find out whether the university has decided to close. The following are the TV channels and radio stations the university contacts when there is an announcement to **CLOSE** the university because of a severe weather emergency. **NO TV OR RADIO ANNOUNCEMENTS ARE MADE WHEN THE UNIVERSITY REMAINS OPEN. However, a message will be placed on the campus information line (405-1000) by 6:00 am to announce that the campus is open, or that normal operation has resumed following a closing for emergency weather conditions.**

Radio Station	Frequency	Location	TV Station	Channel	Location
WMZQ	1390AM/98.7 FM	D.C. Area	WJLA	7	D.C. Area
WAVA	105.1 FM	D.C. Area	WRC	4	D.C. Area
WASH	97.1 FM	D.C. Area	WUSA	9	D.C. Area
WTOP	1500 AM	D.C. Area	WTTG	5	D.C. Area
WRC	980AM	D.C. Area	WJZ	13	Baltimore Area
WMAL	630 AM	D.C. Area	WMAR	2	Baltimore Area
WGAY	99.5 FM	D.C. Area	WBAL	11	Baltimore Area
WARW	94.7 FM	D.C. Area	Newschannel	8	D.C. Area Cable
WETA	91 FM	D.C. Area			
WPGC	1580 AM/95.5 FM	D.C. Area			
WRQX	107.3 FM	D.C. Area			
WLIF	102 FM	Baltimore Area			
WBAL	1090 AM	Baltimore Area			
WCAO	600 AM	Baltimore Area			
WPOC	93.1 FM	Baltimore Area			

CAMPUS INFORMATION: 301-405-1000

As soon as a decision is made, the Office of University Relations calls all of the media listed above. Although the university tries to insure that its message is used, it cannot control announcements presented on the radio or TV.

English Editing for International Graduate Students

The English Editing for International Graduate Students (EEIGS) program, operating under the aegis of the University of Maryland Office for Graduate Studies & Research, offers editing services to international graduate students who must present their required seminar papers, theses, dissertations, etc. in English. This program is staffed by volunteers from the university's Retired Volunteer Corps and Golden ID group, and by volunteers from other university and non-university sources. These services are free.

The EEIGS program operates as follows:

1. Names and telephone numbers of volunteer editors on whom the student may call may be obtained by calling Ms. Pettis, the program coordinator, at (301) 434-6944.
2. The student can contact a volunteer editor to arrange for the editing services. If an arrangement does not work out satisfactorily, either the student or the volunteer editor may discontinue the service. The student may then seek another volunteer editor.
3. The student should allow a reasonable amount of time for the editing services. Long documents will not be edited on very short notice.
4. Editing services are expected to take place on the University of Maryland campus. The student is responsible for finding working space (for example, an empty classroom or office in the department in which he/she is majoring.)
5. The student is expected to inform the Director of Graduate Studies of the Department in which he/she is majoring about the aid being received through this program.

There are also graduate students and others on the University of Maryland campus who offer English language editing services for a fee. Graduate students in the Department of English who will do editing for a fee can be contacted through the Director of Graduate Studies. Department of English, 0125 Taliaferro Hall, 301-405-3785.

The Student Employment Center of Resident Life

The Student Employment Center is a free, centralized service for students seeking on-campus employment within the Department of Resident Life. The SEC maintains jobs descriptions of all the student positions for which the Department hires. Hourly paid positions include, but are not limited to, Desk Receptionist, Community Assistant, Clerical Assistant, and Information Assistant.

Positions are available for both residents and non-residents. They may be standard paid, work-study if a student has such funds designated from Financial Aid, and workship. In the case of workship positions, a portion of the housing costs are remitted in exchange for specified work hours completed by the end of the term.

Recruitment and interviewing for Resident Assistants, leaders who serve 40 - 60 students in floors, suites, or apartments, occurs once each year, with applications available mid-September and a deadline for returning them set for the first week of October. Decisions regarding candidates take place throughout the fall, with hired and alternate candidates taking a class in the spring semester to prepare for the position.

Information regarding Graduate Assistantships with the Department of Resident Life is maintained through this office, as well. Persons who are interested in Assistantships may call the SEC and leave a name, mailing address and phone number, along with the anticipated program and semester of initial study. Information is sent out in mid-December for the following academic year, and applications are generally due around February 1st.

The Student Employment Center is located in Room 0102 Cecil Hall. Applications for hourly paid positions may be obtained daily from 9:00 am to 4:30 pm Monday through Friday. In order to meet with a staff member, to ask for more specific information, or to determine the staffed office hours, please call 301-314-5111.

University Health Center (UHC)

The University Health Center (UHC) located on Campus Drive, across from the Stamp Union is a nationally accredited health care facility. The services provided by the UHC include: urgent care for serious illness and injury, primary care for illness and injury, dental clinic, men's and women's reproductive health, anonymous HIV/AIDS testing, allergy clinic, asthma management and education clinic, sports medicine, physical therapy (located in the HHP Building), accupuncture, massage therapy, nutrition education, mental health clinic, travel clinic, substance abuse counseling, social services, laboratory, radiology (x-ray) pharmacy and a faculty/staff assistance program. Individual and group health education programs are available on topics such as sexual health and contraception, sexual assault, stress management, substance abuse, dental health, eating disorders, depression and suicide. The Center for Health and Well Being at the Campus Recreation Center is open 11:30 am -7:30 pm, Monday through Friday. The UHC is open Monday through Friday from 8:00 a.m. until 10:00 p.m., and Saturday and Sunday from 9:00 a.m. until 5:00 p.m., with varied hours during the summer, semester breaks and holidays. Students can be seen on a walk-in basis during all hours of operation or by appointment during the hours of 9:00 a.m. and 5:00 p.m. on weekdays. Appointments are strongly encouraged whenever possible to reduce your waiting time. Every currently registered student is eligible to use the UHC. There is a $10 copayment for visits with most of our providers. There are additional fees for procedures such as x-rays, laboratory tests, immunizations, dental care, allergy injections, casts, physical therapy, massage, some health education programs, and medications and/or supplies dispensed through the pharmacy and/or medical units. These charges are posted to the student's account at the Bursar's Office, or paid at the Health Center Pharmacy (Charges paid for at the Health Center Pharmacy will not appear on the student account).

We are not a participating provider with any insurance company except for the University sponsored health plan. We will provide students with a coded bill which can be submitted to his/her insurance company for reimbursable services. Students are advised to check with their insurance company to see whether or not they cover such services. MAMSI Life and Health Insurance Co. Provides a group health insurance policy to University of Maryland, College Park students. Students are eligible to enroll at the beginning of the Fall semester, Spring semester, or Summer Session I.

All students' medical records are strictly confidential and may only be released by the student's consent or through a court ordered subpoena.

UHC Phone Numbers:

Information	314-8180	Substance Abuse Program	314-8128
Appointments	314-8184	Sexual Assault and Abuse Info Line	314-2222
Mental Health	314-8106	Student Health Advisory Committee	314-8101
Pharmacy	314-8186	Health Education	314-8128
Women's Health	314-8190	Health Insurance	314-8165
Dental Health	314-8178	Therapeutic Massage	314-8128
Center for Health and Well Being	314-1495	Faculty / Staff Assistance Program	314-8170

Housing Service, Off-Campus

The Off-Campus Housing Service provides a free listing and referral service for students, faculty and staff who are seeking housing or have a property to rent. Also available are various handouts on apartment searching and apartment communities in the area. The office is located in the Commuter Affairs and Community Service Office, and is open Monday-Friday, 8:30 a.m.-4:30 p.m.and Wednesday evenings until 8:00 p.m., 301-314-3645. Listings and general information are also on our web site at http://www.inform.umd.edu/OCH.

Human Relations Code

THE UNIVERSITY'S HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE CAMPUS COMMUNITY ON THE BASIS OF:

- race
- personal appearance
- color
- national origin
- age
- political affiliation
- creed
- sexual orientation
- marital status
- mental or physical disability
- sex
- The exercise of the rights secured by the First Amendment of the United States Constitution. If you feel you have been subjected to any form of discrimination, you may file a complaint with the Office of Human Relations Programs, or with a member of the Equity Council:

Equity Council

Mr. L. Ray Gillian,
Office of the President
405-5795
1111 Main Administration
lgillian@deans.umd.edu

Dr. Amel Anderson
College of Life Sciences
405-2080
1224 Symons Hall
aanders@deans.umd.edu

Dr. Cordell W. Black
Office of Academic Affairs
405- 7227
1127 Main Administration
cblack@vpaap.umd.edu

Dr. Gladys Brown, Director
Office of Human
Relations Programs
405-2838
1130 Shriver Lab
gb23@umail.

Ms. Roberta H. Coates, Staff
Ombuds Officer
314-8481
3194 Taliaferro Hall
rcoates@umdacc.umd.edu

Dr. Colleen M. (Coke) Farmer
College of Health &
Human Performance
405-2475
2314 Health & Human
Performance Building
cf4@umail.umd.edu

Dr. Linda B. Gambrell
College of Education
405-0047
2304K Benjamin Building
lg3@umail.umd.edu

Dr. Ron Lipsman,
College of Computer
Mathematical and Physical
Sciences,
405-2319
3400 A.V. Williams Building
rlipsman@deans.umd.edu

Ms. Cynthia Hale
College of Behavioral and
Social Sciences
405-1684
2141 Tydings Hall
chale@bss2.umd.edu

Dr, Diana R. Jackson
Office of Continuing Education
Summer & Special Programs
405-6583
2103 Reckord Armory
djackson@deans.umd.edu

Dr. Wendy A. Jacobs
College of Arts and Humanities
405-2354
1103 Francis Scott Key Hall
wj1@umail.umd.edu

Mr. Gene A. Johnson
College of Agriculture
405-1177
1105 Symons Hall
gj15@umail.umd.edu

Mr. Warren Kelley
Office of Student Affairs
314-8431
2108 Mitchell Building
wkelley@umdacc.umd.edu

Kevin G. McDonald, Campus
Compliance Officer, Office of Human
Relations Programs
405-2839
1130 Shriver Lab

Dr. Melvin R. Levin
School of Architecture
405-6797
1149 LeFrak Hall

Dr. Arnold M. Medvene
Faculty Ombuds Officer
314-7661
1131 Shoemaker Building
am28@umail.umd.edu

Mr. William L. Powers
School of Public Affairs
405-6336
Van Munching Hall
bpowers@puafmail.umd.edu

Dr. Janet Wagner, College of Business
and Management
405-2126
3457 Van Munching Hall
jwagner@rhsmith.umd.edu.

Dr. Horace L. Russell
School of Engineering
405-5284
1131A Glenn L. Martin Hall
hruss@eng.umd.edu

Mr. Stephen Sachs
School of Architecture
1205 Architecture Bldg.
405-6314
ssachs@arch.umd.edu.

Ms. Kathy Soucy, Office of
University Advancement
405-7764
2111B Building 007
ksoucy@umdacc.umd.edu

Dr. Grieg M. Stewart
College of Journalism
405-3290
2115 Journalism Building
gstewart@jmail.umd.edu

Dr. Sylvia S. Stewart
Office of Administrative Affairs
405-1109
1132 Main Administration
sstewart@umdacc.umd.edu

Dr. Gerry B. Strumpf
Undergraduate Admissions
(Orientation Office)
314-8217
0129A Stamp Student Union
gstrumpf@umdacc.umd.edu

Dr. Claude E. Walston, College of
Library and Information Services
405-2049
4117K Hornbake Library
cw6@umail.umd.edu

Sexual Harassment

Sexual Harassment by University faculty, staff, and students is prohibited by the "UMCP Policy and Procedures on Sexual Harassment." This policy and procedures can be obtained by calling the Office of Human Relations Programs (OHRP) at 301-405-2838. Brochures and posters are available at the same number. The OHRP also provides training and education on sexual harassment and is willing to customize a program based upon audience needs. If you suspect you have been the target of sexually harassing behavior, or are accused of this type of discrimination, please call OHRP.

Identification Cards

Students who registered early for the Spring 1999 semester will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times. Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Identification Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $20.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Registrar's Office 301-314-8240.

International House at Dorchester Hall

Also called "I-House", this specialty house offers undergraduates an exciting living experience, rich in cultural diversity and friendship. About 60% of the residents are from the U.S. and about 40% are from 35 countries around the globe. Through the student-run I-House Council, students organize an array of activities and events to encourage intercultural understanding within I-House and across the campus. Please call the I-House Coordinator at 301-314-7742 for more information, or send e-mail to: iesadv@deans.umd.edu. For those interesed in applying to I House, you can obtain an application at the following web address: www.inform.umd.edu/IES/

International Student Information

International Education Services (IES) provides international students at the University of Maryland with advising on immigration matters, economic difficulty, and general adjustment to the University and the United States. The IES Office provides orientation to new international students, holds workshops throughout the year and has many informational handouts on topics concerning international students in the United States. IES also holds a weekly International Coffee Hour for the UM campus community from 3:00 -4:30 in Dorchester International House. IES is located in 3117 Mitchell Building - **phone** (301) 314-7740 **e-mail:** iesadv@deans.umd.edu **web address:** http://www.inform.umd.edu/INTL/ There are several things that (F-1 and J-1) international students should be aware of during their studies in the United States. Advisors in IES are available to help clarify regulations governing F-1 and J-1 students; however, it is important to keep the following points in mind:

Students with F-1 or J-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their visa status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from IES about future changes in immigration regulations on IES News.

Documents: Your passport must be kept valid at all times. You should apply for an extension of your I-20 or IAP-66 at least 30 days prior to the program completion date. (Item 5 on your form I-20 shows the I-20 expiration date; Item 3 of the IAP-66 shows the expiration date.) F-1 and J-1 students are required to carry adequate health insurance while attending the University. There are federal regulations for J-1 students and scholars, and their dependents requiring health insurance. Federal health insurance requirements for F-1 students are also expected to be published soon. Students must either purchase the health insurance plan available in IES or show proof of comparable coverage.

F-1 and J-1 students must notify the University of any change in address, telephone numbers or e-mail addresses. You may change your address with the University at the Office of the Registrar.

Please remember, when traveling abroad, F-1 and J-1 students must have their forms I-20 or IAP-66 endorsed for travel. IES can also offer advice on the renewal of U.S. visas overseas.

Course Available: *EDCP 108X: Academic Skills for International Students.* This one unit course orients students to the academic and social culture of an American university, with emphasis on successful class participation, effective use of campus resources (including library and research materials), and development of academic skills, particularly written and oral communication.

IESNEWS is a listserv (messages received on your electronic mail account) sponsored by the Office of International Education Services. Information distributed on IESNEWS is of interest to international students, scholars, and faculty at the University of Maryland. To receive messages from IESNEWS send a message to LISTSERV@UMDD.UMD.EDU. The message should say "SUBSCRIBE IESNEWS first name last name". No quotations marks. You should send the message from the email box (address) where you want to receive IESNEWS mail. If you need assistance, you can reach the list manager at iesnews@deans.umd.edu.

You can reach IES from the University of Maryland's main homepage (http://www.umcp.umd.edu/) by selecting "international programs" or for direct access to the International Programs page use http://www.inform.umd.edu: / EdRes/Intl/.

Libraries at UM

The Libraries are in the midst of a multi-year effort to implement the recomendations for improving services contained in the report "Undergraduate Library Services in the 21st Century." The Libraries have been moving services and collections from Hornbake Library to McKeldin Library in preparation for Hornbake's renovation to become a Special Collections/Archives and Nonprint Media facility. The renovation of Hornbake for special collections is necessary to free up space for the planned consolidation of collections and services in the McKeldin Library as envisioned by the report. The Libraries expect the reorganization and reengineering of services, collection, and facilities to work a positive transformation on the delivery of scholarly information in support of classroom learning and research of students and faculty. The practical implication of this effort will be some disturbance in library services. At each step of the process, the Libraries will keep the campus community informed of incremental changes.

Art Library (Art-Sociology Building)
Architecture Library (Architecture Building)
Engineering and Physical Sciences Library (Mathematics Building)
Performing Arts Library (3rd floor, Hornbake Library)
White (Chemistry) Memorial Library (Chemistry Building)

All University of Maryland, College Park students, faculty, and staff may borrow from all College Park Libraries and other campuses in the University System of Maryland.

Non-Discrimination Policy

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, or disability. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, The Americans with Disabilities Act or related legal requirements should be directed to:

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742
301-405-2839

Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibilities to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses including, but not limited to, notices in the Catalog.

The University of Maryland, College Park campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities. Animal Sciences, Microbiology, Poultry Science, Psychology, Veterinary Medicine, Zoology, and courses with the NFSC prefix.

Shuttle-UM

Shuttle-UM, UMCP's transit system, is operated by University students and offers a variety of transportation services for all University students, faculty, and staff. Commuter service operates 5 days a week during the Fall and Spring semesters when classes are in session. Service to the College Park Metro Station is provided everyday the University is open. Buses travel between campus and nearby neighborhoods, apartment complexes, shopping centers, and Metrorail, Amtrak and MARC train stations. Only a valid University ID is needed to board a Shuttle bus. Exceptions are made for the "College Park Metro" and "Park and Ride" routes - University guests are welcome on these routes without identification. Paratransit service is available on campus 5 days a week for people with temporary or permanent disabilities. Security service operates on campus 7 nights a week when classes are in session (including summer semesters) and University ID is not required to board. Shuttle buses are available for charter as well. Charter buses travel anywhere in Washington D.C., most of Maryland and parts of Northern Virginia. For more information on these services call Shuttle-UM, 301-314-2255, or stop by Commuter Affairs and Community Service, 1195 Stamp Student Union, 301-314-5274. Information is also available under "Transportation" on the InforM network. You may access Shuttle UM's web page directly at http://www.inform.umd.edu/shuttle.

Smoking Policy

The University of Maryland College Park has found that a significant percentage of faculty, staff and students do not smoke, smoke is offensive to many non-smokers, it is harmful and even debilitating to some individuals due to their physical condition, and there is evidence suggesting that passive smoke inhalation is harmful to non-smokers. In response to the above considerations, it is hereby established as the policy of UM to achieve a public facility environment as close to smoke-free as practicably possible. Obtaining and maintaining this result will require the willingness, understanding, and patience of all members of the Campus community.

It is the policy of UM to follow all federal, state, or local laws regarding smoking. This Smoking Policy is in addition to any such policies which may be in effect.

Guideline: Smoking is prohibited in indoor locations.

Implementation: Unit heads or their designees are responsible for assuring that this policy is communicated to everyone within their jurisdiction and to all new members of the Campus community; implementing the policy and guideline and assuring that appropriate notice is provided. Developing guidelines to embrace all special circumstances in the campus is impossible. If unit heads find circumstances in their areas that they believe warrant exception from particular provisions in this Smoking Policy and Guidelines, they may address requests for specific local exceptions to the President or his or her designee.

Compliance: This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the Campus community to observe this Smoking Policy and Guideline. Complaints or concerns regarding this policy or disputes regarding its implementation should be referred to the immediate supervisor for resolution. If a resolution cannot be reached, the matter will be referred by the supervisor to the appropriate department head or vice president for mediation.

Review: The provisions and guidelines attached to this Smoking Policy shall be subject to future review and revision to ensure that the objective is obtained. Special attention shall be given to determining if voluntary compliance without disciplinary sanctions has proven satisfactory.

Residential Housing: This policy does not apply to privately occupied portions of University-owned residential space, such as dormitory rooms, apartments, and houses.

Social Security Number

The University of Maryland uses an individual student's social security number as his or her identification number for University records. If you do not wish the University to use your social security number for this purpose, write the Office of Registration, Mitchell Building, College Park, Maryland 20742. The University will then assign its own number to you for record keeping purposes.

Transcript Services

Unofficial Transcripts:

Unofficial transcripts are available for currently enrolled students at MARS Kiosks (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the Mitchell Building), and under ***Records and Registrations*** on the Testudo Home Page (http://www.testudo.umd.edu). Students can also review unofficial ADVISE copies which are available at college offices and on UMSTARS (see below for UMSTARS information)

Official Transcripts:

If record information is needed for other purposes, please request an official transcript. There is no charge, and for your convenience, there are four ways to request an official transcript:

1. Testudo - Interactive student services on the web. Students with PINs (personal identification numbers) can request official transcripts. Use Testudo - http://www. testudo.umd.edu and select Records and Registration

2. MARS Kiosks - Requests to have official transcripts mailed can be made at any of the four Kiosks on campus (Van Munching Hall, the Stamp Union, Ellicott Dining Hall, and the first floor of the Mitchell Building).

3. Written requests may be mailed or faxed to the Records Office. Please include your name or former name, social security number, and dates of attendance.

Student Services
Room 1101 Mitchell Building
University of Maryland
College Park, MD 20742
FAX: 301-314-9568

No need to come to campus!
Use www.testudo.umd.edu to request transcripts.

4. Come to the Office of the Registrar, first floor, Mitchell Building. Upon presentation of identification, students who were enrolled 1975 and after can receive their official transcript on the spot.

NOTE: Generally mail-in and faxed requests are processed and mailed within one to three business days. Testudo and MARS Kiosk requests are automatically processed and mailed the following business day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Office of the Registrar , 301-314-8240, if you have any questions.

Transfer Credit Evaluation Center

The Transfer Credit Evaluation Center provides transfer credit information and assistance to transfer advisors and students. This service, a joint effort between the Offices of Undergraduate Admissions and the Office of the Registrar, is computerizing and consolidating the transfer credit process. Students and advisors work together to decide how courses fit into a student's individual program, while the Center provides information on course equivalencies, credit reports and articulation tables. If you have any questions about the Center please call 301-314-8385 or 314-8257.

Tutorial Services

Tutorial services are available to all eligibleUMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Academic Achievement Programs (AAP) Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring early in the semester.

Students interested in becoming paid tutors should call 301-405-4749 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.

Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMSTARS-University of Maryland Student Transactions, Audit and Records System

UMSTARS is a computer system which enables students to view personal and academic information. Information is updated every Sunday. Students can use UMSTARS to verify the accuracy of personal information, evaluate progress toward a degree, identify academic strengths and weaknesses, determine the extent to which UMCP CORE or USP requirements have been met, check the status of transfer credit equivalency requests, and examine billing history.

UMSTARS can easily be accessed at *aITs* (Academic Information Technology Services) WAM labs, any of the more than 800 computer workstations across campus, in college advising offices, or any modem equipped computer (including dial-up lines from home). Look for the UMSTARS menu option on campus computer lab menus, or dial "telnet umstars" from remote sites. If you need assistance connecting to the campus network call *aITs* at 405-1500. For questions about UMSTARS call the Helpline at 301-314-1600.

University Book Center

Stamp Student Union, lower level
Phone: 301 314 BOOK (2665)
Fax: 301-403-8326
Web: www.ubc.umd.edu

The Book Center provides a convenient (on campus) selection of textbooks and general interest books, including literature, technical books, and best sellers. The store also offers a large selection of school and office supplies, computers, software, and a wide selection of imprinted clothing and related insignia items.

The Book Center's normal hours are Monday through Friday, 8:30 a.m. to 6:00 p.m., Saturday, 10:00 a.m. to 5:00 p.m., and Sunday, 11:00 am - 5:00 pm. The Book Center is also open additional hours at the start of each semester and for special events. Please call or check our web site for special hours.

The Book Center offers part-time positions to all full-time students currently registered at the College Park campus. Applications are accepted at all times and students may choose to apply to the store in general or to the store department of their choice. We have student employee positions in every department and our student staff members represent 75% of our total staff.

Positions are available as standard hourly paid, work-study if a student has such funds designated from Financial Aid, and workship to cover a portion of a student's on-campus housing or food costs.

Applications are available during store hours at the Customer Service desk in the front lobby of the store.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistance and enrollment certification at the Veterans Certification Office in the Registrar's Office on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services.

It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

COLLEGE ORGANIZATION CHART

COLLEGE OF AGRICULTURE AND NATURAL RESOURCES

VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE-MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL AND RESOURCE ECONOMICS
- ANIMAL AND AVIAN SCIENCES
- BIOLOGICAL RESOURCES ENGINEERING
- NATURAL RESOURCES SCIENCES AND LANDSCAPE ARCHITECTURE
- NUTRITION & FOOD SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS/CURRICULA
- AGRICULTURAL SCIENCES, GENERAL
- ENVIRONMENTAL SCIENCE AND POLICY
- NATURAL RESOURCES MANAGEMENT

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY
- URBAN PLANNING

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF
- AMERICAN STUDIES
- ART STUDIO
- ART HISTORY AND ARCHAEOLOGY
- ASIAN AND EAST EUROPEAN LANGUAGES AND CULTURES
- CLASSICS
- COMMUNICATION
- COMPARITIVE LITERATURE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC STUDIES
- HISTORY
- LINGUISTICS
- SCHOOL OF MUSIC
- PHILOSOPHY
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- THEATRE
- WOMEN'S STUDIES

PROGRAMS
- AFRICAN AMERICAN STUDIES
- COMPARITIVE LITERATURE
- DANCE CONCENTRATION
- EAST ASIAN STUDIES
- HEBREW
- LATIN AMERICAN STUDIES
- PORTUGESE
- SCIENCE, TECHNOLOGY AND SOCIETY

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES

LANGUAGE CENTER
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS / DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINOLOGY AND CRIMINAL JUSTICE
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT AND POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- JOINT PROGRAM IN SURVEY METHODOLOGY

OFFICE OF ACADEMIC COMPUTING SERVICES
COLLEGE WIDE CENTERS:
- JAMES MacGREGOR ACADEMY OF LEADERSHIP
- CENTER FOR SUBSTANCE ABUSE RESEARCH
- HIGH INTENSITY DRUG TRAFFICKING AREA RESEARCH PROGRAM

The Robert H. Smith SCHOOL OF BUSINESS

CENTER FOR INTERNATIONAL BUSINESS
DINGMAN CENTER FOR ENTREPRENUERSHIP
OFFICE OF EXECUTIVE PROGRAMS
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS AND MANAGEMENT-GENERAL
- BUSINESS AND MANAGEMENT-GENERAL/INTERNATIONAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- OPERATIONS AND QUALITY MANAGEMENT
- MARKETING
- HUMAN RESOURCE MANAGEMENT
- LOGISTICS & TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- ASTRONOMY
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND PHYSICAL SCIENCES

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF:
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY, PLANNING, AND ADMINISTRATION
- HUMAN DEVELOPMENT & INSTITUTE FOR CHILD STUDY
- MEASUREMENT, STATISTICS, AND EVALUATION
- SPECIAL EDUCATION

(CONTINUED)

COLLEGE OF EDUCATION (CONT'D)

- CENTER FOR EDUCATION POLICY AND LEADERSHIP (CEPAL)
- CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
- CENTER FOR HUMAN SERVICES DEVELOPMENT
- CENTER FOR THE STUDY OF FAMILIES, RELATIONSHIPS AND CHILD DEVELOPMENT
- CENTER FOR YOUNG CHILDREN
- CURRICULUM LABORATORY
- EDUCATIONAL TECHNOLOGY CENTER
- INTERNATIONAL CENTER FOR THE STUDY OF EDUCATION POLICY AND HUMAN VALUES
- NATIONAL READING RESEARCH CENTER
- OFFICE OF LABORATORY EXPERIENCES
- PROFESSIONAL DEVELOPMENT AND EQUITY RESOURCE CENTER

A. JAMES CLARK SCHOOL OF ENGINEERING

DEPARTMENT OF:
- AEROSPACE ENGINEERING
- BIOLOGICAL RESOURCES PROGRAM IN AGRICULTURAL ENGINEERING (See also College of Agriculture)
- CHEMICAL ENGINEERING
- CIVIL ENGINEERING
- COMPUTER AND ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING
- MATERIALS & NUCLEAR ENGINEERING
- PROFESSIONAL MASTERS ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
ENGINEERING CO-OP AND CAREER SERVICES
ENGINEERING RESEARCH CENTER
ENGINEERING STUDENT AFFAIRS
INSTRUCTIONAL TELEVISION
INSTITUTE FOR SYSTEMS RESEARCH
WOMEN IN ENGINEERING PROGRAM

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- FAMILY STUDIES
- HEALTH EDUCATION
- KINESIOLOGY

CENTER ON AGING

COLLEGE OF JOURNALISM

COLLEGE OF JOURNALISM
BROADCAST NEWS
NEWS EDITORIAL
- -MAGAZINE
- -NEWS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

LIBRARY AND INFORMATION SERVICES
GEOGRAPHY/LIBRARY AND INFORMATION SERVICES
HISTORY/LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF:
- BIOLOGY
- CELL BIOLOGY AND MOLECULAR GENETICCS
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY

WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULA
- BIOCHEMISTRY
- BIOLOGICAL SCIENCES
- CHEMISTRY
- ENTOMOLOGY
- MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
- MICROBIOLOGY
- MOLECULAR AND CELL BIOLOGY
- NEUROSCIENCE AND COGNITIVE SCIENCE
- PLANT BIOLOGY
- SUSTAINABLE DEVELOPMENT AND CONSERVATION BIOLOGY
- ZOOLOGY

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS
- ENVIRONMENTAL POLICY
- INTERNATIONAL SECURITY AND ECONOMIC POLICY
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL AND SECURITY STUDIES AT MARYLAND
- PROJECT ON RETHINKING ARMS CONTROL
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY

UNDERGRADUATE STUDIES

AIR SCIENCE (AFROTC)
ACADEMIC ACHIEVEMENT PROGRAMS
CENTER FOR TEACHING EXCELLENCE
COLLEGE PARK SCHOLARS
CORE PLANNING AND IMPLEMENTATION
DIVISION OF LETTERS AND SCIENCES
EDUCATIONAL TALENT SEARCH PROGRAM
FINANCIAL AID
FIRST YEAR FOCUS
INDIVIDUAL STUDIES PROGRAM
INTERNATIONAL EDUCATION SERVICES
LETTERS AND SCIENCES
LAW AND HEALTH PROFESSIONS ADVISING OFFICE
NATIONAL SCHOLARSHIP INFORMATION
NATIONAL STUDENT EXCHANGE
RONALD A. McNAIR PROGRAM
ORIENTATION
PRE-COLLEGE PROGRAMS:
- UPWARD BOUND
- MATH AND SCIENCE REGIONAL CENTER

RECORDS AND REGISTRATIONS
SENIOR SUMMER SCHOLARS PROGRAM
TERRAPIN READING SOCIETY
UNDERGRADUATE ADMISSIONS
UNIVERSITY HONORS PROGRAM
UNDERGRADUATE RESEARCH ASSISTANTS PROGRAM
WINTERTERM

Advising *(Undergraduate Students)*

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

Note: For the following groups advising is mandatory:

Newly admitted first-year and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Undergraduate advisors, their room numbers and telephone extensions are listed below. E-mail addresses are given for some colleges and advisors. Students who have general questions about campus programs and advising policies may visit or call Letters & Sciences, Room 1117, Hornbake Library, 314-8418, or e-mail askls@deans.umd.edu

COLLEGE OF AGRICULTURE & NATURAL RESOURCES

FALL 1999

General Information			
Dr. Thomas A. Fretz, Dean		SYM-1224	405-7761
Dr. Marla S. McIntosh, Associate Dean		SYM-1222	405-2078
Dr. Leon H. Slaughter, Assistant Dean		SYM-1224	405-7761
AGRICULTURAL & RESOURCE ECONOMICS			
	Bockstael, N. (Coord.)		
	(nancyb@arec.umd.edu)	SYM-3200A	405-1263
	Olson, L.		
	(lolson@arec.umd.edu)	SYM-2222B	405-7180
AGRICULTURAL SCIENCES, GENERAL			
	Kangas, P.		
	(pk31@umail.umd.edu)	ANS-AGENG-1457	405-1198
ANIMAL SCIENCES			
	Dahl, G. (Coord.)		
	(gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
	Doerr, J.		
	(jd29@umail.umd.edu)	ANS-AGENG-3115	405-5782
	Erdman, R.		
	(re13@umail.umd.edu)	ANS-AGENG-1403	405-1383
	Estevez, I		
	(ie7@umail.umd.edu)	ANS-AGENG-2151	405-5779
	Hartsock, T.		
	(th9@umail.umd.edu)	ANS-AGENG-2109	405-1389
	Keyser, R.		
	(rk104@umail.umd.edu)	ANS-AGENG-1123	405-1398
	Kohn, R.		
	(rkohn@wam.umd.edu)	ANS-AGENG-4151	405-4583
	Kuenzel, W.	ANS-AGENG-3131	405-5778
	(wk16@umail.umd.edu)		
	Majeskie, L.		
	(jm5@umail.umd.edu)	ANS-AGENG-1131	405-1406
	Ottinger, M.A.		
	(mo20@umail.umd.edu)	ANS-AGENG-3113	405-5780
	Peters, R.		
	(rp17@umail.umd.edu)	ANS-AGENG-1103	405-1401
	Porter, T		
	(tp44@umail.umd.edu)	ANS-AGENG-4111	405-2516
	Rankin, S.		
	(rankins@wam.umd.edu)	ANS-AGENG-1121	405-4568
	Varner, M.		
	(varner@umd5.umd.edu)	ANS-AGENG-1117	405-1396
BIOLOGICAL RESOURCES ENGINEERING			
	Montas, H.		
	(montas@wam.umd.edu)	ANS-AGENG-1453	405-1196
	Schreuders, P.		
	(ps129@umail.umd.edu)	ANS-AGENG-1460	405-0145
	Shirmohammadi, A (Coord.)		
	(as31@umail.umd.edu)	ANS-AGENG-1421	405-1185
COMBINED DEGREE, ANIMAL SCIENCE & VETERINARY MEDICINE			
	Dahl, G.		
	(gd38@umail.umd.edu)	ANS-AGENG-1415	405-1374
CONSERVATION - SOIL, WATER & ENVIRONMENT			
	Hill, R.		
	(rh30@umail.umd.edu)	HJP-0216	405-1347
	Rabenhorst, M.		
	(mr1@umail.umd.edu)	HJP-0101	405-1343
	Weil, R. (Coord.)		
	(rw17@umail.umd.edu)	HJP-1103	405-1314
CROP SCIENCE			
	Glenn, S.		
	(ls24@umail.umd.edu)	HJP-1114	405-1331
DIETETICS			
(A-J)	Curtis, S. (Director)		
	(sc49@umail.umd.edu)	MMH-3308	405-4532
(K-O)	Jackson, R.		
	(rj36@umail.umd.edu)	MMH-3303	405-4533
(P-SH)	Blake, A.		
	(ab129@umail.umd.edu)	MMH-3302	405-4524
(SI-Z)	Sims, L.		
	(ls56@umail.umd.edu)	MMH-3102	405-4509
ENVIRONMENTAL SCIENCE & POLICY			
	James, B.		
	(bj5@umail.umd.edu)	SYM-0207	405-8571
FOOD SCIENCE			
(A-M)	Boyle-Roden, E.		
	(eb112@umail.umd.edu)	MMH-3309	405-4528
(N-Z)	Meng, J.		
	(jm332@umail.umd.edu)	MMH-3420	405-1399
HORTICULTURE			
Hort Production and Hort Science			
	Bouwkamp, J.		
	(jb65@umail.umd.edu)	PLS-2114	405-4334
	Deitzer, G.		
	(gd3@umail.umd.edu)	PLS-2132	405-4335
Landscape Management			
	Walsh, C. (Coord.)		
	(cw5@umail.umd.edu)	PLS-2136	405-4351
	Nola, D.		
	(dnola@ca.umd.edu)	PLS-2138	405-0066
LANDSCAPE ARCHITECTURE			
	Hill, M.		
	(mh160@umail.umd.edu)	PLS-2140	405-4341
	Hilsenrath, E.		
	(eh68@umail.umd.edu)	PLS-2144	405-4369
	Sullivan, J.		
	(js337@umail.umd.edu)	PLS-2142	405-0106
NATURAL RESOURCES MANAGEMENT			
	Baldwin, A.		
	(ab174@umail.umd.edu)	ANS-AGENG-1462	405-7855
	Kangas,P.		
	(pk31@umail.umd.edu)	ANS-AGENG-1457	405-1198
NUTRITIONAL SCIENCE (formerly Human Nutrition and Food Systems)			
(A-M)	Moser-Veillon, P.		
	(pv6@umail.umd.edu)	MMH-3307	405-4502
(N-Z)	Castonguay, T.		
	(tc27@umail.umd.edu)	MMH-3209B	405-4503
TURF & URBAN AGRONOMY			
	Carroll, M. (Coord.)		
	(mc92@umail.umd.edu)	HJP-1114	405-1339

SCHOOL OF ARCHITECTURE

General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284
(Advisor assignments available in Room 1298, Architecture)			
Urban Studies		LEF-1117	405-6799

COLLEGE OF ARTS AND HUMANITIES

Dr. James Harris, Dean		KEY-1102	405-2108
Dr. Gabriele Strauch, Associate Dean		KEY-1102	405-2108
Undergraduate Academic Information		KEY-1120	405-2108
Mr. Derrick Best Director of Student Affairs		KEY-1120	405-2108
Dr. Thomas Moore, Senior Advisor		KEY-1120	405-2108
Mr. John Clift, Senior Advisor		KEY-1120	405-2108
Ms. Jenny Thompson, Advisor		KEY-1120	405-2108
Ms. Gilda Anroman, Advisor		KEY-1120	405-2108
General Information			
AMERICAN STUDIES PROGRAM	Lounsbury, M.	TLF-2113	405-1359
ART	Thorpe, J.	ASY-1211	405-1445
ART HISTORY	Colantuono, A.	ASY-4219	405-1496
	Quo, J.	ASY-4221	405-1499
CHINESE	McGinnis, S.	JMZ-4202	405-4383
CLASSICAL HUMANITIES	Doherty, L.	MMH-2407	405-2022
COMMUNICATIONS	Waks, L.	SKN-2114	405-6529
DANCE	Wiltz, A.	DNC-1132	405-3180
ENGLISH	Hamilton, D.	SQH-2115	405-3756
FRENCH	Bondurant, D.	JMZ-3104	405-4034
GERMAN	Pfister, G.	JMZ-3210	405-4106
GREEK	Doherty, L.	MMH-2407	405-2022
HISTORY	Gullickson, G.	KEY-2116	405-4268
ITALIAN	Falvo, J.	JMZ-3106G	405-4031
JAPANESE	Yotsukura, L.	JMZ-2106G	405-0038
JEWISH STUDIES	Rozenblit, M.	WDS-0113	405-4975
LATIN	Doherty, L.	MMH-2407	405-2022
LINGUISTICS	Thorton, R.	MMH-14010	405-4935
MUSIC	contact Department	TWS-2110	405-5563
PHILOSOPHY	Stairs, A.	SKN-1121A	405-5695
ROMANCE LANGUAGES	Falvo, J.	JMZ-3103	405-4031
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4307
RUSSIAN LANGUAGE & LITERATURE	Martin, C.	JMZ-4109	405-4103
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	405-6452
THEATRE	Wagner, D.	TWS-0236	405-6679
WOMEN'S STUDIES	Nichols, L.	WDS-2101	405-6877

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

Dr. Irwin L. Goldstein, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Robert Steele, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1692
College email address: bsosque@bss2.umd.edu			
Special Projects	Walsh, B.	TYD-2140	405-1689
BSOS Records Office			
Director of Academic Support Service	Scholl, G.	TYD-2140	405-1702
Candidate Clearance	Goebel, S.	TYD-2140	405-1688
BSOS Advising Center for appointments, special requests, and Dean's stamp		TYD-2148	405-1697
Director of BSOS Advising Center	Byron, L.	TYD-2148	405-1697
Acting Assistant Director	Kvach,K.	TYD-2148	405-1697
College Academic Advisors	Cidon, E.	TYD-2148	405-1697
	Clear, M.	TYD-2148	405-1697
	Witcher, J.	TYD-2148	405-1697
	Nawabi, P.	TYD-2148	405-1697
UNDERGRADUATE PROGRAMS			
AFRO-AMERICAN STUDIES PROGRAM	McCarty, J.	LEF-2169G	405-1168
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1423
CRIMINOLOGY, CRIMINAL JUSTICE	Churchhill, B.	LEF-2220	405-4729
ECONOMICS	Wallis, J.	TYD-3135C	405-3552
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	LaSota, S.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, G.	LEF-0138	405-4214
PSYCHOLOGY	Sternheim, C.	ZOP-1107E	405-5430
SOCIOLOGY	Mohagadam, L.	ASY-2108	405-6389
UNDECIDED-See a college advisor			

THE ROBERT H. SMITH SCHOOL OF BUSINESS

Dr. Howard Frank, Dean		VMH-2416	405-2299
Dr. Judy Olian, Senior Associate Dean		VMH-2416	405-2299
Dr. Burt Leete, Acting Associate Dean			
Dr. Lawence A. Gordon, Director, Ph.D. Program			
Mr. Mark Wellman, Assistant Dean		VMH-2308	405-2278
Mr. Mike Marcellino, Advisor, Master's Program		VMH-2308	405-2278
Dr. Patricia Cleveland, Assistant Dean and Director, Undergraduate Programs		VMH-1308	405-2286
Mr. Brian Horick, Advisor		VMH-1308	405-2286
Ms. Shelly Lang, Advisor		VMH-1308	405-2286
Ms. Roberta Smit, Advisor		VMH-1308	405-2286
Mr. Daryl Minus, Advisor		VMH-1308	405-2286
Records Office, Business	Anderson, R.	VMH-1308	405-2286
	Hall, D.	VMH-1308	405-2286
	Turner, N.	VMH-1308	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL & PHYSICAL SCIENCES

Dr. John Osborne, Acting Dean		AVW-3400	405-4906
Undergraduate Academic Information			
Dr. Deborah Reid Bryant, Assistant Dean		AVW-3400	405-2677
Mr. Dennis Bowling, Advisor/Consultant		AVW-3400	405-2677
College email address: cmpsque@deans.umd.edu			
Student Records	Coleman, R.	AVW-3400	405-2677
General Information			
ASTRONOMY	Deming, G. **deming@astro.umd.edu**	CSS-1233	405-1562
COMPUTER SCIENCE	Kaye, G. **gwen@cs.umd.edu**	AVW-1103	405-2672
GEOLOGY	Holtz, T. **th81@umail.umd.edu**	GEO-1119	405-4084
MATHEMATICS	Emad, F. **fpe@math.umd.edu**	MTH-1113	405-4362
PHYSICS	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979
PHYSICAL SCIENCES	Zerwitz, R. **rzerwitz@deans.umd.edu**	PHY-1120	405-5979

COLLEGE OF EDUCATION

General Information			
Dr. Charles Beatty, Associate Dean for Student Services		EDU-1201	405-2334
Undergraduate Student Services	Angeletti, K.	EDU-1210	405-2364
Graduate Student Services	Theis, P.	EDU-1210	405-0006
EDUCATION POLICY, PLANNING, AND ADMINISTRATION	Cibulka, J.	EDU-2115	405-3590

COUNSELING & PERSONNEL SERVICES			
	Power, P.	EDU-3214C	405-2858
School Psychology	Streit, W.	EDU-3222	
School Counseling	Greenberg, K.	EDU-3222	
Community Counseling	Hershenson, D.	EDU-3214B	
College Student Personnel	Komives, S.	EDU-3128	
Counseling Psychology	Fossinger, R.	EDU-3234A	
Rehabilitation Counseling	Power, P.	EDU-3214A	
	Fabian, E.	EDU-3234F	
Counseling & Consultation	Hershenson, D.	EDU-3214C	
CURRICULUM & INSTRUCTION – http://www.inform.umd.edu/EDUC/www/Depts/EDCI/			
Department Chair	Johnson, M.	EDU 2311B	405-3324
Art Ed	Hendricks, S.	EDU 2304L	
English/Speech/Theatre Ed	McCaleb, J.	EDU 2304J	
	McKillop, A. M.	EDU 2231	
	Slater, W.	EDU 2304E	
Foreign Language Education/TESOL	Varela, E.	EDU 2233	
Language Arts Education	Comas J.	EDU 2226C	
	O'Flahavan, J.	EDU 2304F	
Mathematics Education	Campbell, P.	EDU 2226H	
	Cooper, D.	EDU 2226E	
	Davidson, N.	EDU 2226G	
	Fry, J.	EDU2226	
	Graeber, A.	EDU 2226F	
	Johnson, M.	EDU 2311B	
	Strutchens, M.	EDU 2226D	
Music Education	Folstrom, R.	TWS 3141	
Physical Education	Owens, L.	HHP 2338	405-2438
Reading Education	Afflerbach, P.	EDU 2304C	
	Chambliss, M.	EDU 2311E	
	Codling, R.M.	EDU 2226N	
	Dreher, J.	EDU 2311F	
	Gambrell, L.	EDU 2304K	
	Saracho. O.	EDU 2304H	
Science Education	Holliday, W.	EDU 2226L	
	McGinnis, R.	EDU 2226J	
	van Zee, E.	EDU 2226M	
	Hammer, D.	EDU 2226k	
Social Studies Education	Cirrincione, J.	EDU 2227/LeFrak 1125	
	Jantz, R.	EDU 2229	
	VanSledright, B.	EDU 2223	
	Weible, T.	EDU 3119	
Teacher Education	Price, J.	EDU 2311G	
	Sullivan, D.	EDU 2311	
	Valli, L.	EDU 2207	
HUMAN DEVELOPMENT INSTITUTE FOR CHILD STUDY	Flatter, C.	EDU-3304	405-2818
Early Childhood Education			
MEASUREMENT, STATISTICS, AND EVALUATION	Lissitz, R. W.	EDU-1229	405-3624
SPECIAL EDUCATION	Beckman, P.	EDU-1240B	405-6485
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1240A	
	Egel, A.	EDU-1240C	
	Graham, S.	EDU-1308D	
	Harris, K.	EDU-1311D	
	Kohl, F.	EDU-1240D	
	Leone, P.	EDU-1240E	
	Lieber, J.	EDU-1238	
	Maccini, P.	EDU-1311C	
	McLaughlin, M.	EDU-1500P	
	Neubert, D.	EDU-1242	
	Malmgren, K.	EDU-1311B	
	Speece, D.	EDU-1240F	

For advising and information, intended Education majors contact: Dawn Molloy (EDSP) in room 1235 Education Building; Donna Jensen (EDCI) Advisor in room 2311D Education Building; Kathy Angeletti (Undesignated or undecided) in room 1210 Education Building.

A. JAMES CLARK SCHOOL OF ENGINEERING

General Information			
Dr. William Destler, Dean		EGR-1137	405-3868
Dr. Horace Russell, Associate Dean		EGR-1124	405-5284
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Advising Staff	Kleine, K.	EGR-1124	405-3855
	Rooney-Eckel, E.	EGR-1124	405-3855
	McKenzie, M.	EGR-1124	405-3855
	Boutaleb, T.	EGR-1124	405-3855
AEROSPACE	Lewis, M.	EGR-3172	405-1133
BIOLOGICAL RESOURCES	Shirmohammadi, A.	ANS 1447	405-1185
CHEMICAL	Wang, N.	CHE-1210	405-1910
CIVIL	Hashania, A.	EGL-1137	405-1963
COMPUTER + ELECTRICAL	Kiely, L.	AVW-2429	405-3685
FIRE PROTECTION	Spivak, S.	EGR-0151C	405-3992
MATERIALS	Lloyd, I.	CHE-2138	405-5221
MECHANICAL	Walston, W.	EGR-2188	405-2409
NUCLEAR	Pertmer, G.	CHE-2309A	405-2207
PROFESSIONAL MASTERS	Cunniff, P.	EGR-2174	405-5256
Center for Minorities in Science and Engineering	Parker, R.	EGR-1134	405-3878
	Saddler, L.	EGR-1134	405-3878
Engineering Career and Co-op Program	Sauber, H.	EGR-1137B	405-3862
Women in Engineering Program	Morris, C	EGR-1131	405-3931

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information			
Dr. John Burt, Dean		HHP-3310D	405-2438
Dr. Jerry Wrenn, Associate Dean		HHP-3310B	405-2442
Carol Vander Velden, Student Records		HHP-3310H	405-2442
Program Advisors			
KINESIOLOGY			
Kinesiological Sciences	Scott, M.	HHP-2322	405-2480
Physical Education	Owens, L.	HHP-2338	405-2495
HEALTH EDUCATION			
Community Health, School Health	Hyde, D.	HHP-2374	405-2523
FAMILY STUDIES	Annand, V.	HHP-2310	405-2473

HONORS PROGRAM

Dean Hebert, Advisor		ANA-1113	405-6771

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean			405-2399
Chris Callahan, Associate Dean		JRN- 2102	405-2432
Dr. Greig M. Stewart, Assistant Dean		JRN-1117	405-2399
Olive Reid, Director of U.G. Programs		JRN-1117	405-2399
Undergraduate Advisors	Buckingham, K.	JRN-1117	405-2398
	Hill, S.	JRN-1117	405-2395
	Kern, K.	JRN-1117	405-2396
College email address: jourug@deans.umd.edu			

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Ann Prentice, Dean		HBK-4105	405-2033
Student Records and General Information	Barlow, D. (Asst. Dean)	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information		SYM-1224	405-2080
Dr. Paul H. Mazzocchi, Dean		SYM-1224	405-2080
Dr. William Higgins, Associate Dean		SYM-1212	405-2908
Dr. Albert Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2080
College email address: colllfsc@life.umd.edu			
BIOLOGICAL SCIENCES			
	Presson, J. (Asst. Director)	SYM-1211	405-6892
	Kent, B.	PLS-3142	405-3911
	Hayes-Klosteridis, J.	SYM-1207	405-6892
	Infantino, R.	ZOP-2227	405-6904
	Lachman, L.	SYM-1210	405-6892
	Loughlin, W.	MTL-0130E	314-8375
	Smith, A.	MCB-1126B	405-5443
	Thompson, K.	SYM-1209	405-6892
CHEMISTRY/BIOCHEMISTRY	Berkowitz, D. (Director, Undergraduate Programs)	CHM-1309	405-1791
ENTOMOLOGY	Kent, B.(Director, Undergraduate Programs)	PLS-3142	405-3911
	Armstrong, E.	PLS-3158	405-3925
	Barbosa, P.	SKN-3112C	405-3946
	Bottrell, D.	PLS-3148	405-3938
	Brown, A.	PLS-3138	405-3928
	Denno, R.	PLS-4146	405-3955
	Dively, G.	PLS-4124	405-3913
	Lamp, W.	PLS-4120	405-3959
	Ma, M.	PLS-3116	405-3941
	Mitter, C.	PLS-4142	405-3957
	Nelson, J.	PLS-3110	405-3919
	Raupp, M.	PLS-4112	405-3912
	St. Leger, R.	PLS-3124	405-5402
	Thorne, B.	PLS-3102	405-7947
CELL BIOLOGY AND MOLECULAR GENETICS	Bean, G.	HJP-2113	405-1592
	Benson, S.	MCB-3136	405-5478
	Bottino, P.	HJP-3223	405-1641
	Browning, J.	HJP-2204	405-1615
	Chang, C.	HJP-3227	405-1643
	Delwiche, C.	HJP-2009	405-8300
	De Stefano, J.	MCB-2114	405-5449
	Farber, D.	MCB-2114	405-7551
	Gantt, B.	MCB-2109	405-1625
	Gdovin, S.	MCB-2116	405-7254
	Hutcheson, S.	MCB-3117	405-5498
	Joseph, S.	MCB-2118	405-5452
	Liu, Z.	HJP-3221	405-1586
	Mount, S.	HJP-3221	405-6934
	Pontzer, C.	MCB 2112	405-5472
	Reveal, J.	HJP-2107	405-1624
	Smith, A. (Coord.)	MCB-2107	405-5430
	Song, W.	MCB-2107	405-7552
	Stewart, R.	MCB-3122	405-5475
	Straney, D.	HJP-2225	405-1622
	Sze, H.	HJP-3237	405-1645
	Weiner, R.	MCB-2111	405-5446
	Yuan, R.	MCB-1119	405-5436
BIOLOGY	Infantino, R. (Director, Undergraduate Programs)	ZOP-2227	405-6904
PRE-PROFESSIONAL	Dr. Lisa Bradley	HBK-0110	405-2793

SCHOOL OF PUBLIC AFFAIRS

Dr. Susan C. Schwab, Dean		VMH-2101	405-6330

UNDERGRADUATE STUDIES

Robert Hampton, Associate Provost for Academic Affairs and Dean		2130 Mitchell Bldg.	405-9354

LETTERS AND SCIENCES (L&S)

Dr. Jaracne Adams-Gaston, Assistant Dean and Director		HBK-1117	314-8418
Barbara Bennett, Secretary, Credit by Exam		HBK-1117	314-9401
Dr. Lisa Bradley, Assistant Director		HBK-1117	314-8418
Dr. Wendy Whittemore, Assistant Director		HBK-1117	314-8418
John Bowman, Assistant Director		HBK-1117	314-8418
Harriet Nokuri, Assistant Director		HBK-1117	314-8418
Lisa Tenley, Exceptions to Academic Policy		HBK-0110	314-9403
Vee Vee Coleman, Receptionist		HBK-1117	314-8418
L&S ADVISOR CONSULTANTS			
Orientation/Student Athletes	Tom Steen	HBK-1117	314-8418
Advisor-Advisee Relations	Julie Blackburn	HBK-1117	314-8418
Interim Advising Program	Tom Gleason	HBK-0110	314-9403
Retention Activities	Zenobia Garrison	HBK-1117	314-8418
Markets and Society	Mitra Mahmaudi	HBK-1117	314-8418
SPECIAL INTEREST AREAS			
Health & Human Performance	Walter Bixby	HBK-1117	314-8418
GENERAL ADVISORS	Jason Boyd	HBK-1117	314-8418
	Wendy Japal	HBK-1117	314-8418
	Carlin Kettler	HBK-1117	314-8418
	Lisa McAllister	HBK-1117	314-8418
	Laura Miller	HBK-1117	314-8418
	Marchelle Payne	HBK-1117	314-8418
	Lisa Sturtevant	HBK-1117	314-8418
ADVISING ASSISTANTS	Jeff Sobolow	HBK-1117	314-8418
	Dana Miller	HBK-1117	314-8418
	Tuomo Neuvonen	HBK-1117	314-8418
INDIVIDUAL STUDIES PROGRAM	Lisa Tenley	HBK 0110	314-9403
	Dolores Mulligan	HBK-0110	314-9403
LAW AND HEALTH PROFESSIONS ADVISING			
Pre-Law	Bruce Adelson, J.D.	HBK-0110	405-2793
Pre-Dentistry	Dr. Lisa Bradley	HBK-0110	405-2793
Pre-Medicine	Dr. Lisa Bradley		
Pre-Optometry	Dr. Lisa Bradley		
Pre-Osteopathy	Dr. Lisa Bradley		
Pre-Podiatry	Dr. Lisa Bradley		
Pre Dental Hygiene	Christy Betdorf	HBK-0110	405-2793
Pre-Medical and Research Technology	Christy Betdorf		
Pre-Nursing	Christy Betdorf		
Pre-Pharmacy	Christy Betdorf		
Pre-Physical Therapy	Christy Betdorf		
Pre-Professional Advising Asst.	Joanne McEvoy	HBK-0110	405-2793
	Donald Snyder	HBK-0110	405-2793

OFFICE OF MULTI-ETHNIC STUDENT EDUCATION

Academic Support Unit			
Dr. Mary Cothran, Director		HBK-1101	405-5616
Dr. Jennifer V. Jackson, Assistant Director		HBK-1101	405-5616
Dr. Ronald Zeigler, Research Coordinator		HBK-1101	405-5616
Mr. Joel Smith, Academic Coordinator		HBK-1101	405-5616
Ms. Dottie Bass, Outreach and Programming Coordinator		HBK-1101	405-5616
Ms. Bobbie Lee, Program Management Specialist		HBK-1101	405-5616
Ms. Yunmei Elaine Ting, Retention Coordinator		HBK-1101	405-5616
Ms. Danita Lavender, Administrative Assistant		HBK-1101	405-5616

ACADEMIC PROGRESS/COURSE NUMBERING/REPEAT POLICY

Requirements for Satisfactory Academic Progress—*Undergraduate Students*

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numerical value: A=4; B=3; C=2; D=1; F=0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

× NUMBER OF CREDITS = TOTAL QUALITY POINTS FOR THE COURSE

3. An example of how a SEMESTER G.P.A. and a CUMMULATIVE G.P.A. are calculated is given below:

Course	Credits Attempted	Grade	Quality Points
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74

SEMESTER GPA = SEMESTER QUALITY POINTS / SEMESTER CREDITS ATTEMPTED = 34 / 16 = 2.125

CUMULATIVE GPA = TOTAL QUALITY POINTS / TOTAL CREDITS ATTEMPTED = 108 / 43 = 2.511

4. When a course is REPEATED, all grades will be included for the purpose of determining the number of quality points used to calculate the cumulative grade point average. First semester students and freshmen through the first 24 credits will receive quality points appropriate for the higher grade when calculating the grade point average. See also, "REPEATING COURSES" below.

SATISFACTORY PERFORMANCE

A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3.500, or higher, will be awarded "ACADEMIC HONORS." This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE

Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Total credits earned from courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	UNSATISFACTORY PERFORMANCE	ACADEMIC WARNING	ACADEMIC DISMISSAL
0-13	1.290-1.999	0.230-1.289	0.000-0.229
14-28	1.780-1.999	1.280-1.799	0.000-1.279
29-56	1.860-1.999	1.630-1.859	0.000-1.629
57-74	1.940-1.999	1.830-1.939	0.000-1.829
75 OR MORE	—	1.940-1.999	0.000-1.939

1. Students whose cumulative G.P.A. falls within the UNSATISFACTORY PERFORMANCE category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an ACADEMIC WARNING will have that notation entered on their transcript and will be informed, in writing, to consult with an advisor prior to the beginning of their next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. ACADEMIC DISMISSAL
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23 or higher. After this first semester, the student will be subject to normal standards for academic progress. NOTE: This provision does not apply to students reinstated or readmitted to the College park Campus. A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES

1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses, DROP courses, or CHANGE SECTIONS. PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. Drop Policy—The DROP PERIOD for Undergraduate Students will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. DURING THIS DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS. If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

   Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

REPEATING COURSES

1. Students may have one repeat of any given course in which a grade of A, B, C, D, F, P, S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade of A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. If a student withdraws from all courses during a semester these courses will not count as one of the two registrations.
3. Incompletes—The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the Repeat Policy (see below) or your academic advisor.

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily courses for first-year students
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599*	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course (not for graduate degree credit)
600-699	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral Dissertation credit

NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

UNDERGRADUATES—eligible to register for courses numbered 000-499.

GRADUATE—eligible to register for courses numbered 400-899.

*Not applicable to Graduate or Undergraduate degrees, and not included in GPA calculations.

Repeat Policy-Undergraduate Students

The following policies apply to ALL courses that may not be repeated for additional credit.

1. The following students are required to follow the new Repeat Policy:
   a. All new freshmen who began at UMCP Fall 1990 and after.
   b. All transfer students.
      Exceptions:
      - Students from Maryland Community Colleges who began at UMCP Fall 1990 and after
      - Students attending UMBC's College of Engineering from Fall 1990 through Fall 1991.
2. There is a limit to the number of times a student may repeat a course. Students may have ONE repeat of any course in which they earned an A, B, C, D, F, P, S, W, I, NGR, or Audit; they cannot be registered (after the Schedule Adjustment Period) for any given course more than twice. A student's Dean's Office may grant an exception allowing an additional course repeat. In this case, students must present a plan for successfully completing the course. All attempts WILL be counted toward the total limit for repeatable credits.
3. Students may repeat no more than 18 credits.
4. The grade point average will include all attempts at a given course that results in a grade of A, B, C, D, or F. However, to help freshmen and transfer students adjust to the UMCP campus, the following two exceptions allow for the cumulative G.P.A. to be calculated so that only the higher grade is included:
   a. When the repeated course was taken within the student's first semester at UMCP,

   or

   b. When the repeated course was taken within the student's first 24 credit hours attempted (including transfer credits) or within the semester during which the student reached the 24th credit hour attempted
5. Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from, or averaged into, the cumulative grade point average.
6. Repeat by transfer—If a student repeats by transfer a course that was taken before or during the semester in which the student reached 24 credits attempted (including transfer credits) and the transfer grade is higher, then the original grade in the course will be excluded from the G.P.A. calculation.
   - If the course was taken after the semester in which the student reached 24 credits attempted, then the transfer course will not replace the original grade in the G.P.A. calculation. Special exceptions can be requested by the student's college dean in unusual circumstances.

NOTE: SEE COLLEGE OF EDUCATION REPEAT POLICY ON NEXT PAGE

Full-Time Status

FULL-TIME STATUS FOR UNDERGRADUATE STUDENTS WILL BE BASED ON REGISTRATION FOR 12 OR MORE SEMESTER HOURS. Official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

FULL-TIME status is based on the following criteria:

1. Registered for 12 or more semester hours at the end of the Schedule Adjustment Period.
2. Courses registered for **AUDIT** are not included in the calculation of credits for full-time status.
3. UMEI PROGRAM Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

NOTE: Students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant may be cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students receiving financial aid are strongly encouraged to contact a financial aid counselor prior to dropping below full time status. Additional information may be obtained from the Office of Student Financial Aid, Room 0102 Lee Bldg., 301-314-9000

Repeat Policy Prior To Fall 1990

The following students should follow the old Repeat Policy in the Undergraduate Catalog:

1. Students who began at UMCP before Fall 1990 (including students who entered UMCP for summer 1990)
2. Transfer students who began at a Maryland Community College before Fall 1990.
3. UMBC College of Engineering students who began before 1990.

College of Education- REPEAT POLICY

This policy applies only to students in the College of Education

- All registrations in student teaching, regardless of whether a student withdraws or takes a leave of absence, will be counted as an attempt under the campus repeat policy. Only two registrations will be allowed.

- After two registrations, further attempts at student teaching must be approved by the department and school system professionals involved in the candidate's student teaching experience.

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and process the change. Changes can be made with an advisor using the Student Information System Major Change Processor.

Students contemplating a change in major to Architecture, Business & Management, Engineering, Government & Politics, Journalism, Landscape Architecture or Psychology should contact the Office of Undergraduate Admissions, 314-8385 for additional information and an up-to-date list of special admission requirements for these majors. Students considering majoring in Education should contact the College of Education. Students with fewer than 56 credits not admitted directly into these programs may be admitted to the Division of Letters and Sciences, by going to the Undergraduate Advising Center and indicating a desire to do so.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level at which they feel capable. The department advisor, Professor Lillian Doherty, located in room 2407D of Marie Mount Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102, with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: Students who wish to register for FREN 101-203 must do so in accordance with the guidelines below. Exceptions may be granted only by written permission of the course chairperson. A student whose knowledge of French is deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Placement Guidelines:

FREN 101: For students who have never studied French or who have studied less than two years in high school.

FREN 102: For students who have completed FREN 101 on this campus.

FREN 103: For students with two years of high school French. This is a review of work normally completed by the end of Level 2. Students will not receive credit for FREN 103 if they have already received credit for FREN 102.

FREN 203: For students whose high school transcript shows completion of Level 3.

The French Department does not offer placement testing. For further assistance please contact the French Language Coordinator at 405-4024.

Spanish Department. Students who wish to register for Spanish 101-211 must do so in accordance with the guidelines below. Any exception necessitates permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 103, 201 or 202. See individual course description for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 201 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 211 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Department Advisor for additional information.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A orB *(preferable placement is SPAN 103)*

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below
Native speakers or majors of another romance language

Spanish 201
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 202 or 211
Spanish 201 at the University of Maryland or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 206
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Spanish 207
Spanish 202 or concurrent registration in Spanish 202

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Scott McGinnis, before they will be permitted to enroll for any Chinese language course (except CHIN 213, 313, 314, 315, 403, 404, 421, 422.)

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. Testing will be on Tuesday, August 31st at 2:00 p.m. and Wednesday, September 1st at 3:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways.

1. Successful completion of intermediate level or up through intermediate level in college language course(s).
2. Successful completion of level 4 in one language or level 2 in each of 2 languages in high school.
3. Successful completion of a language placement examination in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, up to three courses with at least one course at the intermediate level and no more than one course at the introductory level. *(High School equivalency does not satisfy this requirement.)* Students may opt for a quantitative reasoning track in lieu of the language skills requirement.

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES. GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

UMEI Program

Students enrolled in UMEI 001-004 are considered full-time students. If enrolled in UMEI 005 (semi-intensive), to meet the full-time requirement, undergraduate students must also register for 6-8 credits appropriate to their program.

Undergraduate Student Classifications

Freshman	1-27 semester hours	**Junior**	56-85 semester hours
Sophomore	28-55 semester hours	**Senior**	86 to at least 120 semester hours

**Zero level course work is not used in the calculation of cumulative credit hour totals.*

Zero-Level Courses

*** MATH 001* MATH 002***

These courses carry credit for billing and determination of full-time and part-time status. These courses are excluded from the calculation of semester and cumulative grade point averages.
MATH 001/002 fees are discussed under Fees and Expenses.

Expectations for Advising

The following set of principles allows both students and advisors to have a clear understanding of their roles and individual responsibilities. Advising may be conducted at several levels and by different people. Each academic unit has the discretion in the establishment of its advising plan to address the issue of who provides the advising. Several types or advising are listed below:

- Basic advising directed at the identification and satisfaction of university, program, and departmental requirements.
- Advising directed at identifying and evaluating potential academic majors and careers.
- Advising directed at evaluating choices within academic majors.
- Advising upper-level students on career options, graduate school, etc.
- Advising that focuses on personal development. This is a mentoring process, which may or may not develop between a student and a faculty or staff member.

A student is entitled lo effective academic advising. The student can expect:

- Accurate and up-to-date information about departmental programs.
- Reasonable access to faculty and advisors throughout the semester.
- Adequate staffing to offer advising to all new students at orientation and all early registrations.
- Faculty and advisors with an up-to-date knowledge of departmental and university programs and requirements.
- Transfer evaluation completed within the first semester at UMCP for all students transferring to College Park.
- An individualized audit be prepared on request when the student has completed 75 credits and is within three semesters of his/her expected graduation.

At the same time that the student has expectations for the advising process, the advisor also has expectations. Among these expectations are:

- The student must recognize that the final responsibility for his/her education is his/her own. Advisors can only help.
- The student reads university, college. and departmental materials (such as the catalog, regulations listed in the schedule of classes, departmental handbooks, handouts about the options and sequences in the student's major) before coming to see an advisor.
- The student recognizes that there are different types of advising and different people to do the different types of advising. The student should ask appropriate questions for the different kinds of advisors. For example, faculty are best able lo advise on career opportunities, grad school, etc.; college advisors are probably best on university regulations; peer advisors know the most about individual professors, workload expectations. balancing the course load in a given semester. etc.
- The student understands that no single advisor can answer everything.
- The student should schedule an advising appointment well ahead of his/her registration appointment. It is unreasonable for the student to expect the advisor to drop what he/she is doing 15 minutes before the student's legislation appointment to help the student. Students unable to keep appointments should notify the advisor.
- The student prepares an academic plan and a proposed schedule of classes before coming to see an advisor. The student should bring these and other appropriate material lo the advising session.
- The student has an agenda for the advising session that includes items to be discussed and questions to be answered.

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community—students, faculty, and staff—share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty; however, this is not an inclusive list.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.

Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the services of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of the Code of Student Conduct.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate indentation and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's *A Manual for Writers of Term Papers, Theses and Dissertations.)*
2. *Paraphase:* Prompt acknowledgment is required when material from another source is paraphrased or summarized in whole or in part in your own words. Paraphrasing is not reordering words in a sentence.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged. Textbooks and course handouts are not considered common knowledge. Materials which contribute only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A forty member Student Honor Council has the responsibility to investigate allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

TO REPORT ACADEMIC DISHONESTY CALL THE HONOR COUNCIL AT 314-8204

STUDENTS INTERESTED IN SERVING ON THE HONOR COUNCIL SHOULD CALL THE HONOR COUNCIL AT 314-8204

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Student Honor Council, 2118 Mitchell Building (314-8204).

Attendance and Assessment Policy

Attendence

1.The University expects each student to take full responsibility for his or her academic work and academic progress. The student, to progress satisfactorily, must meet all of the requirements of each course for which he or she is registered. Students are expected to attend classes regularly, for consistent attendance offers the most effective opportunity open to all students to gain command of the concepts and materials of their courses of study. Except as provided below, absences will not be used in the computation of grades, and the recording of student absences will not be required of the faculty.

2. It is the policy of the University to excuse the absences of students that result from the following causes: illness of the student, or illness of a dependent as defined by Board of Regents policy on family and medical leave; religious observance (where the nature of the observance prevents the student from being present during the class period); participation in university activities at the request of University authorities; and compelling circumstance beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.

3. In some courses, attendance and in-class participation are ongoing requirements and an integral part of the work of the course. In other courses, occasional in-class assessments may occur, sometimes without advance notice. It is the responsibility of the instructor to inform each class at the beginning of the semester of the nature of in-class participation expected and the effect of absences on the evaluation of the student's work in the course.

4. Absences in courses where in-class participation is a significant part of the work of the course shall be handled by the instructor in the course in accordance with the general policy of his or her academic unit.

5. Permanent changes in the scheduling or location of classes must be approved by the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

Assessment

1. The University provides students with excused absences the opportunity to reschedule significant assessments, except in cases where the nature of the assessment precluded the possibility of rescheduling, OR to perform a substitute assignment without penalty. An instructor is not under obligation to offer a substitute assignment or to give a student a make-up assessment unless the failure to perform was due to an excused absence, that is, due to illness (of the student or a dependent), religious observance (where the nature of the observance prevents the student from being present during the class period), participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes.

The make-up assessment or substitute assignment must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be at a comparable level of difficulty with the original assessment. In the event that a group of students requires the same make-up assessment or substitute assignment, one time and place may be scheduled. The make-up assessment or substitute assignment must not interfere with the student's regularly scheduled classes or in-class final examination.

Students who have a concern regarding religious observances should see their instructors at the start of the semester. Although the University attempts to accommodate the religious beliefs of all of its members, it functions within a secular environment and is limited in the extent to which it can interrupt its normal operations. The President shall determine when it is appropriate for the campus community to restrict rescheduling examinations or other significant assessments on the dates of religious observance.

At this time, examinations or other significant assessments may not be scheduled on Rosh Hoshanah, Yom Kippur, Good Friday, or the first two days of Passover.

In cases of dispute, the student may appeal to the chair, the director or the dean of the department, non-departmentalized school or college offering the course within one week from the date of the refusal to schedule a make-up assessment. In those instances where the instructor is the chair, director or dean, the appeal shall be made to the next higher administrative officer, whose decision shall be final.

2. The student must notify his or her instructor of the reason for absence as soon as possible. Where the reason for absence from a scheduled assessment is known well in advance (for example, in cases of religious observance or participation in university activities at the request of University authorities), the student must inform the instructor by the end of the schedule adjustment period. Prior notification is especially important in connection with final examinations, since failure to reschedule a final examination before conclusion of the final examination period may result in loss of credits during the semester. Where the reason is not known well in advance (for example, in cases of illness or compelling circumstances beyond the student's control), the student must inform the instructor as soon as the reason develops, or as soon as possible after its development.

3. Ordinarily, assessments are given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the schedule of Classes. No less than seven calendar days' notice shall be given for assessments scheduled at other times and places. It shall be the instructor's responsibility to ensure that the change in schedule does not interfere with any student's regularly scheduled classes or in-class final examinations. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests, and examinations. Performance assessments may take a variety of forms and need not be classroom-based written examinations.

4. A final examination shall be given in every undergraduate course. Exceptions may be made with the written approval of the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate. However, a student's final course grade shall be based on a combination of assessments that is at least the equivalent of a comprehensive final examination. No final examination or equivalent may be given or due during the last week of classes. All in-class final examinations must be held on the date and at the time listed in the Official Final Examination Schedule. Out-of-class final examination or equivalent assessments shall be due on the date and at a time listed in the Official Final Examination Schedule.

5. The chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, is responsible for the adequate administration of assessments in courses under his or her jurisdiction.

6. No in-class assessment shall exceed the allotted time for a regularly scheduled class period. In the case of in-class final examinations, the time allotted shall not exceed the scheduled final examination period.

7. Each student shall be given the instructions and performance requirements for all assessments intended to require more than one-half class period in a form translatable to hard copy, unless the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate, has authorized another procedure. The instructions and requirements of the assessment shall be archived in an appropriate medium in a suitable place.

8. The following rules shall govern all in-class examinations, unless the instructor for a specific course stipulates alternate rules for that course. A breach of any of the rules shall constitute "disruption of class," a disciplinary offense (Code of Student Conduct, section 9.m.), or may serve as the basis of an allegation of academic dishonesty.

a. Students arriving late for an examination may not unreasonably disrupt the examination room.
b. Students must leave all unauthorized materials (e.g., books, notes, calculators) with the proctor before being seated.
c. Where seating arrangements are established by proctors, student must conform to these arrangements.
d. Students may not return to an examination room after leaving, unless permission to do so has been granted by the proctor prior to the student's departure.
e. Students must cease conversation prior to the passing out of examination papers and maintain silence during the entire examination period.
f. Students must place examination papers face down on the writing desk until the examination is officially begun by the proctor.
g. Students must keep examination papers flat on the writing desk at all times.
h. Students at an examination must be prepared to show current University identification.

9. Each faculty member is to retain, for one full semester after a course is ended, the students' final assessments in the appropriate medium. If a faculty member goes on leave for a semester or longer, or leaves the University, the final assessments and grade records for the course must be left with the chair, the director or the dean of the department, non-departmentalized school or college, as appropriate.

Family Rights and Privacy Act

UMCP adheres to the Family Rights and Privacy Act. A complete copy can be found in the Undergraduate Catalog.

University of Maryland, College Park

Welcome to the Fall 1999 Schedule of Classes, First Edition

Here's how to read the course listings . . . .

A	B	C	D	E
AASP101 Public Policy and the Black Community;	**(3)**	REG/P-F/AUD.	CORE: SB	*Formerly AASP 300.*

F	G	H	I	J
0101	**(00016)**	Williams, R.	TuTh 11:00pm-12:15pm	(LEF 2166)

A Course number and title
B Number of credits (in parentheses)
C Available grading methods
D CORE category code for which the course is approved (if any) - see footnotes running at the bottom of each page for interpretation.
E Course notes, prerequisites, permission requirements, restrictions, etc.
F Section number
G MARS index number (in parentheses)
H Instructor - STAFF indicates that an instructor has not yet been assigned.
I Class meeting days and times
J Class meeting location - see the map in the middle of the Schedule to find buildings, translation of their three-letter codes, and a locator grid.

Course listings were current when this Schedule of Classes went to press. For up-to-date offerings and seat counts, go to the Fall 1999 Schedule on the Web: *www.testudo.umd.edu.*

AASP Afro-American Studies (Behavioral and Social Sciences)

AASP100 Introduction to Afro-American Studies; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00001)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (LEF 1201) Dis
0102 **(00002)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (LEF 1201) Dis
0103 **(00003)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 12:00pm-12:50pm (EGR 2112) Dis
0104 **(00004)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 9:00am-9:50am (LEF 1201) Dis
0105 **(00005)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (EGR 2112) Dis
0106 **(00006)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (EGR 2112) Dis
0107 **(00007)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 10:00am-10:50am (MCB 1207) Dis
0108 **(00008)** Wilson, F.
MW 12:00pm-12:50pm (LEF 2205)
F 11:00am-11:50am (MCB 1207) Dis

AASP101 Public Policy and the Black Community; (3) REG/P-F. CORE: SB *Formerly AASP 300.*
0101 **(00018)** Williams, R.
TuTh 11:00am-12:15pm (LEF 2166)

AASP202 Black Culture in the United States; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(00028)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 10:00am-10:50am (EGR 0108) Dis
0102 **(00029)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 10:00am-10:50am (LEF 2166) Dis
0103 **(00030)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 11:00am-11:50am (EGR 0108) Dis
0104 **(00031)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 11:00am-11:50am (LEF 2166) Dis
0105 **(00032)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 12:00pm-12:50pm (KEY 0126) Dis
0106 **(00033)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 9:00am-9:50am (EGR 0108) Dis
0107 **(00034)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 10:00am-10:50am (PHY 1221) Dis
0108 **(00035)** George, E.
MW 10:00am-10:50am (HJP 0226)
F 11:00am-11:50am (PHY 1221) Dis

AASP298C Special Topics in Afro-American Studies: African Civilization to 1800; (3) REG/P-F/AUD.
0101 **(00045)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
F 2:00pm-2:50pm (WDS 0104) Dis
0102 **(00046)** STAFF
0201 **(03225)** Shick, L.
Th 10:00am-1:00pm (COL 3111)

ARTH Art History & Archaeology (Arts and Humanities)

ARTH200 Art of the Western World to 1300; (3) REG/P-F/AUD. CORE: HA
0101 **(03276)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
M 9:00am-9:50am (ASY 3221) Dis
0102 **(03277)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
Tu 9:00am-9:50am (ASY 3219) Dis
0103 **(03278)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
Tu 10:00am-10:50am (ASY 3219) Dis
0104 **(03279)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3215) Dis
0105 **(03280)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
F 10:00am-10:50am (ASY 3219) Dis
0106 **(03281)** Gerstel, S.
MW 11:00am-11:50am (ASY 2203)
F 11:00am-11:50am (ASY 3219) Dis

ARTH201 Art of the Western World after 1300; (3) REG/P-F/AUD. CORE: HA
0101 **(03291)** STAFF
TuTh 9:30am-10:20am (ASY 2203)
M 9:00am-9:50am (ASY 3219) Dis
0102 **(03292)** STAFF
TuTh 9:30am-10:20am (ASY 2203)
M 11:00am-11:50am (ASY 3219) Dis
0103 **(03293)** STAFF
TuTh 9:30am-10:20am (ASY 2203)
W 9:00am-9:50am (ASY 3211) Dis
0104 **(03294)** STAFF
TuTh 9:30am-10:20am (ASY 2203)
W 11:00am-11:50am (ASY 3221) Dis
0201 **(03295)** Promey, S.
MW 11:00am-11:50am (ASY 2309)
M 9:00am-9:50am (ASY 3215) Dis
0202 **(03296)** Promey, S.
MW 11:00am-11:50am (ASY 2309)
M 10:00am-10:50am (ASY 3219) Dis
0203 **(03297)** Promey, S.
MW 11:00am-11:50am (ASY 2309)
W 9:00am-9:50am (ASY 3215) Dis
0204 **(03298)** Promey, S.
MW 11:00am-11:50am (ASY 2309)
F 9:00am-9:50am (ASY 3219) Dis

ARTH250 Art and Archaeology of Ancient America; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(03308)** Miller, A.
TuTh 11:00am-11:50am (ASY 2203)
M 10:00am-10:50am (ASY 3221) Dis
0102 **(03309)** Miller, A.
TuTh 11:00am-11:50am (ASY 2203)
M 11:00am-11:50am (ASY 3221) Dis
0103 **(03310)** Miller, A.
TuTh 11:00am-11:50am (ASY 2203)
W 10:00am-10:50am (ASY 3215) Dis
0104 **(03311)** Miller, A.
TuTh 11:00am-11:50am (ASY 2203)
Th 9:00am-9:50am (ASY 3219) Dis

ARTH275 Art and Archaeology of Africa; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(03321)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
M 9:00am-9:50am (ASY 3211) Dis
0102 **(03322)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
W 9:00am-9:50am (ASY 3221) Dis
0103 **(03323)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
Th 10:00am-10:50am (ASY 3219) Dis
0104 **(03324)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
W 11:00am-11:50am (ASY 3219) Dis
0105 **(03325)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
F 9:00am-9:50am (ASY 3221) Dis
0106 **(03326)** Eyo, E.
MW 10:00am-10:50am (ASY 2203)
F 11:00am-11:50am (ASY 3215) Dis

ARTH290 Art of Asia; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(03336)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
F 9:00am-9:50am (ASY 3211) Dis
0102 **(03337)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
M 10:00am-10:50am (ASY 3211) Dis
0103 **(03338)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
W 10:00am-10:50am (ASY 3211) Dis
0104 **(03339)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
M 11:00am-11:50am (ASY 3215) Dis
0105 **(03340)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
W 11:00am-11:50am (ASY 3215) Dis
0106 **(03341)** Kita, S.
MW 9:00am-9:50am (ASY 2203)
F 10:00am-10:50am (ASY 3215) Dis

ARTH314 Gothic Art; (3) REG/P-F/AUD. *Formerly ARTH 411.*
0101 **(03351)** Kornbluth, G.
TuTh 2:00pm-3:15pm (ASY 3211)

ARTH321 Sixteenth-Century Northern European Painting; (3) REG/P-F/AUD. *Formerly ARTH 425.*
0101 **(03361)** Farquhar, J.
MW 11:00am-12:15pm (ASY 3211)

ARTH324 Sixteenth-Century Italian Renaissance Art; (3) REG/P-F/AUD. *Formerly ARTH 416.*
0101 **(03371)** STAFF
TuTh 12:30pm-1:45pm (ASY 3211)

ARTH330 Seventeenth-Century European Art; (3) REG/P-F/AUD. *Formerly ARTH 430.*
0101 **(03381)** Colantuono, A.
TuTh 9:30am-10:45am (ASY 3215)

ARTH335 Seventeenth-Century Art in the Netherlands; (3) REG/P-F/AUD. *Formerly ARTH 435.*
0101 **(03391)** Wheelock, A.
M 3:30pm-6:00pm (ASY 3211)

ARTH346 Nineteenth-Century European Art from 1850; (3) REG/P-F/AUD. *Formerly ARTH 446.*
0101 **(03401)** STAFF
TuTh 3:30pm-4:45pm (ASY 3211)

ARTH379 *(PermReq)* **Honors Thesis; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ARTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ARTH389A Special Topics in Art History and Archaeology: Korean Art; (3) REG/P-F/AUD.
0101 **(03434)** STAFF
MW 12:30pm-1:45pm (ASY 3211)

ARTH407 Art and Archaeology of Mosaics; (3) REG/P-F/AUD.
0101 **(03444)** Spiro, M.
TuTh 9:30am-10:45am (ASY 3211)

ARTH462 Twentieth-Century Black American Art; (3) REG/P-F/AUD. *Formerly ARTH 474.*
0101 **(03454)** Holland, J.
TuTh 11:00am-12:15pm (ASY 3215)

ARTH466 Feminist Perspectives on Women in Art; (3) REG/P-F/AUD. *Also offered as WMST 466. Credit will be granted for only one of the following: ARTH 466 or WMST 466.*
0101 **(03464)** Withers, J.
TuTh 11:00am-12:15pm (ASY 3211)

ARTH485 Chinese Painting; (3) REG/P-F/AUD. DIVERSITY *Formerly ARTH 490.*
0101 **(03474)** Kuo, J.
TuTh 12:30pm-1:45pm (ASY 3215)

ARTH489B Special Topics in Art History: Seminar in 17th-Century French Art; (3) REG/P-F/AUD.
0101 **(03484)** Colantuono, A.
TuTh 11:00am-12:15pm (ASY 4306)

ARTH489C Special Topics in Art History: Caribbean Arts; (3) REG/P-F/AUD.
0101 **(03494)** Holland, J.
TuTh 2:00pm-3:15pm (ASY 3215)

ARTH496 *(PermReq)* **Methods of Art History and Archaeology; (3)** REG. *Prerequisite: permission of department. For ARTH majors only.*
0101 **(03514)** Colantuono, A.
TuTh 3:30pm-4:45pm (ASY 4306)

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH499 *(PermReq)* **Honors Thesis; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH609 Studies in Late Roman, Early Christian, and Byzantine Art: Art of Medieval Byzantium; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03561)** Gerstel, S.
M 6:00pm-8:40pm (ASY 4304)

ARTH649 Studies in Nineteenth-Century European Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03571)** Hargrove, J.
Th 12:00pm-2:40pm (ASY 4304)

ARTH659 Studies in Twentieth-Century Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03581)** Sharp, J.
W 6:00pm-8:40pm (ASY 4304)

ARTH669 Studies in African Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03591)** Eyo, E.
W 3:00pm-5:40pm (ASY 4304)

ARTH709 Seminar in Late Roman, Early Christian, and Byzantine Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03601)** Spiro, M.
Tu 12:00pm-2:40pm (ASY 4304)

ARTH718 Seminar in Medieval Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03611)** Kornbluth, G.
Th 6:00pm-8:40pm (ASY 4304)

ARTH758A Seminar in American Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03621)** Promcy, S.
M 3:00pm-5:40pm (EGR 3140)

ARTH758B Seminar in American Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03631)** Kelly, F.
Th 3:00pm-5:40pm (ASY 4304)

ARTH759 Seminar in Twentieth-Century Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03641)** Withers, J.
Tu 3:00pm-5:40pm (ASY 4304)

ARTH768 Seminar in Latin American Art and Archaeology; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03651)** Miller, A.
Tu 6:00pm-8:40pm (ASY 4304)

ARTH779 Seminar in Japanese Art; (3) REG/AUD. For all non-art history and archaeology graduate students, written permission of the instructor is required.
0101 **(03661)** Kita, S.
W 12:00pm-2:40pm (ASY 4304)

ARTH798 *(PermReq)* **Directed Graduate Studies in Art History; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-art history and archaeology graduate students, written permission of the instructor is required.

ARTT Art Studio
(Arts and Humanities)

ARTT100 Two Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ARTT 100, ARTS 100, DESN 101, or APDS 101. Formerly ARTS 100.*
0101 **(03778)** Lozner, R.
MW 9:00am-11:00am (MMH 1417)
0201 **(03779)** Lozner, R.
MW 9:00am-11:00am (MMH 1417)
0301 **(03780)** Thorpe, J.
TuTh 9:00am-11:00am (MMH 1417)
0401 **(03781)** Thorpe, J.
TuTh 9:00am-11:00am (MMH 1417)
0501 **(03782)** STAFF
TuTh 12:30pm-2:30pm (ASY 2314)
0601 **(03783)** STAFF
TuTh 12:30pm-2:30pm (ASY 2318)

ARTT110 Elements of Drawing I; (3) REG/P-F. *Formerly ARTS 110.*
0101 **(03793)** STAFF
MW 9:00am-11:30am (ASY 2317) Lab
0201 **(03794)** STAFF
MW 9:00am-11:30am (ASY 2321) Lab
0301 **(03795)** Lapinski, T.
TuTh 12:30pm-3:00pm (ASY 2317) Lab
0401 **(03796)** Lapinski, T.
TuTh 12:30pm-3:00pm (ASY 2321) Lab
0501 **(03797)** Richardson, W.
TuTh 9:00am-11:30am (ASY 2317) Lab
0701 **(03798)** Pogue, S.
MW 12:30pm-3:00pm (ASY 2321) Lab
0801 **(03799)** Pogue, S.
MW 12:30pm-3:00pm (ASY 2317) Lab

ARTT110+ Elements of Drawing I; (3) REG/P-F/AUD. *Formerly ARTS 110.* Restricted to College Park Scholars - Arts.
0601 **(03809)** Richardson, W.
TuTh 9:00am-11:30am (ASY 2321) Lab

ARTT150 Introduction to Art Theory; (3) REG/P-F/AUD. CORE: HA
0101 **(03819)** Klank, R.
MW 12:00pm-12:50pm (ASY 2309)
M 11:00am-11:50am (ARC 1101) Dis
0102 **(03820)** Klank, R.
MW 12:00pm-12:50pm (ASY 2309)
W 11:00am-11:50am (ARC 1101) Dis
0103 **(03821)** Klank, R.
MW 12:00pm-12:50pm (ASY 2309)
W 1:00pm-1:50pm (TWS 0138) Dis
0201 **(03822)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Tu 2:00pm-2:50pm (ASY 3304) Dis
0202 **(03823)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Th 1:00pm-1:50pm (TWS 0147) Dis
0203 **(03824)** STAFF
TuTh 3:30pm-4:20pm (ASY 2309)
Th 12:00pm-12:50pm (ARC 1103) Dis

ARTT200 Three Dimensional Art Fundamentals; (3) REG/P-F/AUD. *Prerequisite: ARTT 100. Credit will be granted for only one of the following: ARTT 200, ARTS 200, DESN 102, or APDS 102. Formerly ARTS 200.*
0101 **(03834)** McCarty, J.
TuTh 4:00pm-6:00pm (ASY 1314) Lab
0201 **(03835)** Demonte, C.
TuTh 9:00am-11:30am (ASY 1311) Lab
0301 **(03836)** Demonte, C.
MW 12:30pm-3:00pm (ASY 1311) Lab

ARTT210 Elements of Drawing II; (3) REG/P-F/AUD. *Prerequisite: ARTT 110. Formerly ARTS 210.*
0101 **(03846)** STAFF
TuTh 12:30pm-3:00pm (ASY 2322) Lab
0201 **(03847)** STAFF
MW 3:00pm-5:30pm (ASY 2322) Lab
0301 **(03848)** Humphrey, M.
MW 9:00am-11:30am (ASY 2322) Lab

ARTT320 Elements of Painting; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 320.*
0101 **(03858)** Kehoe, P.
TuTh 12:30pm-3:00pm (ASY 3322) Lab
0201 **(03859)** Klank, R.
MW 9:00am-11:30am (ASY 3318) Lab
0301 **(03860)** Gelman, E.
MW 3:00pm-5:30pm (ASY 3312) Lab

ARTT330 Elements of Sculpture: Metal Casting; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTS 330.*
0101 **(03870)** STAFF
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT331 Elements of Sculpture: Steel; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(03880)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT332 Elements of Sculpture: Stone; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210. Formerly ARTT 335.*
0101 **(03890)** McCarty, J.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3) REG/P-F/AUD. *Prerequisites: ARTT 200; and ARTT 210.*
0101 **(03900)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT340 Elements of Printmaking: Intaglio; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 340.*
0101 **(03910)** Pogue, S.
MW 9:00am-11:30am (ASY 1317) Lab

ARTT341 Elements of Printmaking: Woodcut and Relief; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 341.*
0101 **(03920)** Forbes, J.
TuTh 12:30pm-3:00pm (ASY 1317) Lab

ARTT344 Elements of Printmaking: Lithography; (3) REG/P-F/AUD. *Prerequisite: ARTT 210. Formerly ARTS 344.*
0101 **(03930)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT350 Elements of Design; (3) REG/P-F/AUD. *Prerequisites: ARTT 110 and ARTT 200. Not open to students who have completed ARTT 250. Credit will be granted for only one of the following: ARTT 350 or ARTT 250. Formerly ARTT 250.*
0101 **(03940)** Fabiano, F.
MW 9:00am-11:30am (MMH 0401) Lab

ARTT351 Elements of Graphic Design and Illustration; (3) REG/P-F/AUD. *Prerequisite: ARTT 350 or permission of instructor. Not open to students who have completed ARTT 350. Credit will be granted for only one of the following: ARTT 350 or ARTT 351.*
0101 **(03950)** Thorpe, J.
TuTh 12:30pm-3:00pm (MMH 1417) Lab

ARTT352 Three Dimensional Graphics; (3) REG/P-F/AUD. *Prerequisite: ARTT 350 or permission of instructor.*
0101 **(03960)** Fabiano, F.
MW 12:30pm-3:00pm (MMH 0401) Lab

ARTT353 Elements of Photography; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(03970)** Tyroler, B.
TuTh 9:30am-12:00pm (MMH 0401) Lab

ARTT354 Elements of Computer Graphics; (3) REG/P-F/AUD. *Prerequisites: (ARTT 100 and ARTT 110) or permission of department.*
0101 **(03980)** STAFF
TuTh 12:30pm-3:00pm (ASY 3311) Lab
0201 **(03981)** STAFF
MW 12:30pm-3:00pm (ASY 3311) Lab

ARTT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ARTT418 Drawing: Advanced Drawing: Working From the Figure; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(04009)** Gelman, E.
MW 12:30pm-3:00pm (ASY 2322) Lab

ARTT418B Drawing: Advanced Drawing: A Contemporary Approach to Drawing; (3) REG/P-F/AUD. Prerequisite: ARTT 210.
0101 **(04019)** Craig, P.
TuTh 12:30pm-3:00pm (ASY 2315) Lab

ARTT418C Drawing: Advanced Drawing: Works on Paper/Water Based Media; (3) REG. Prerequisite: ARTT 210.
0101 **(04029)** Lapinski, T.
TuTh 9:00am-11:30am (ASY 2315) Lab

ARTT428 Painting: Advanced Painting; (3) REG/P-F/AUD. Prerequisite: ARTT 320. Section 0101 emphasizes acrylic paint.
0101 **(04039)** Craig, P.
TuTh 9:00am-11:30am (ASY 3312) Lab
0201 **(04040)** Richardson, W.
TuTh 12:30pm-3:00pm (ASY 3312) Lab
0301 **(04041)** Klank, R.
MW 9:00am-11:30am (ASY 3322) Lab

ARTT438 *(PermReq)* **Sculpture: Advanced Metal Casting; (3)** REG/P-F/AUD. Permission of instructor required.
0101 **(04051)** STAFF
MW 12:30pm-3:00pm (ASY 1310) Lab

ARTT438B Sculpture: Advanced Stone Carving; (3) REG/P-F/AUD. Prerequisite: ARTT 332 or permission of instructor.
TuTh 12:30pm-3:00pm (ASY 1314) Lab

ARTT438C Sculpture: Advanced Steel Sculpture; (3) REG/P-F/AUD. Prerequisite: ARTT 331 or permission of instructor.
0101 **(04071)** Ruppert, J.
MW 3:00pm-5:30pm (ASY 1314) Lab

ARTT438D *(PermReq)* **Sculpture: Advanced Sculpture in Wood and Mixed Media; (3)** REG/P-F/AUD. Prerequisite: ARTT 333 or permission of instructor.
0101 **(04081)** Sham, F.
TuTh 12:30pm-3:00pm (ASY 1311) Lab

ARTT448B Printmaking: Advanced Lithography; (3) REG/P-F/AUD. Prerequisite: ARTT 344 or permission of instructor.
0101 **(04091)** Humphrey, M.
MW 12:30pm-3:00pm (ASY 1317) Lab

ARTT448C Printmaking: Advanced Relief and Intaglio; (3) REG/P-F/AUD. Prerequisite: ARTT 340 or ARTT 341.
0101 **(04101)** Forbes, J.
TuTh 4:00pm-6:30pm (ASY 1317) Lab

ARTT458 Graphic Design and Illustration; (3) REG.
0101 **(04111)** Lozner, R.
MW 12:30pm-3:00pm (MMH 1417) Lab

ARTT462 Artist's Survival Seminar; (3) REG/P-F/AUD. *Prerequisite: senior standing or permission of department.*
0101 **(04121)** Demonte, C.
Th 3:00pm-5:30pm (ASY 3217) Lab

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Issues in Contemporary Art; (3) REG/P-F/AUD.
0101 **(04131)** Klank, R.
MW 12:00pm-12:50pm (ASY 2309)
M 1:00pm-1:50pm (ASY 3221) Dis

ARTT489G Advanced Special Topics in Art: Digital Strategies; (3) REG/P-F/AUD.
0101 **(04141)** STAFF
Th 3:30pm-6:00pm (CSS 1410)

ARTT498 *(PermReq)* **Directed Studies in Studio Art; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective.

ARTT618 Drawing: Drawing; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT628 Painting: Painting; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT638 Sculpture: Sculpture; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT648 Printmaking: Printmaking; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT689A Special Problems in Studio Art: Artist Survival Seminar; (3) REG/AUD.
0101 **(04247)** Demonte, C.
W 3:00pm-5:30pm (ASY 3217) Lab

ARTT698 *(PermReq)* **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT718 Drawing: Drawing; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT728 Painting: Painting; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT738 Sculpture: Sculpture; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT748 Printmaking: Printmaking; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTT798 *(PermReq)* **Directed Graduate Studies in Studio Art; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head.

ARTT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR Astronomy
(Computer, Mathematical and Physical Sciences)

ASTR100 Introduction to Astronomy; (3) REG/P-F/AUD. CORE: PS *Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* CORE Physical Science Lab (PL) Course when taken concurrently with ASTR 111. CORE Physical Science (PS) Course when taken alone. Discussion sections do not meet the first week. Attend lecture before coming to discussion section.
0101 **(04439)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
M 9:00am-9:50am (CSS 2400) Dis
0102 **(04440)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
M 10:00am-10:50am (CSS 2400) Dis
0103 **(04441)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
M 2:00pm-2:50pm (CSS 2400) Dis
0104 **(04442)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
M 3:00pm-3:50pm (CSS 2400) Dis
0105 **(04443)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
Th 1:00pm-1:50pm (CSS 2400) Dis
0106 **(04444)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
F 9:00am-9:50am (CSS 2400) Dis
0107 **(04445)** Wilson, A.
TuTh 9:30am-10:45am (PHY 1412)
F 12:00pm-12:50pm (CSS 2400) Dis
0201 **(04446)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
M 12:00pm-12:50pm (CSS 2400) Dis
0202 **(04447)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
M 1:00pm-1:50pm (CSS 2400) Dis
0203 **(04448)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
W 10:00am-10:50am (CSS 2400) Dis
0204 **(04449)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
W 1:00pm-1:50pm (CSS 2400) Dis
0205 **(04450)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
W 2:00pm-2:50pm (CSS 2400) Dis
0206 **(04451)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
F 10:00am-10:50am (CSS 2400) Dis
0207 **(04452)** Hamilton, D.
MWF 9:00am-9:50am (PHY 1412)
F 1:00pm-1:50pm (CSS 2400) Dis

ASTR101 General Astronomy; (4) REG/P-F/AUD. CORE: PL *Credi for ASTR 101 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 250 or higher. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120.* Discussion sections and lab sections do not meet the first week of classes. Attend lecture before coming to discussion or lab sections.
0101 **(04462)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
F 10:00am-12:00pm (CSS 1109) Lab
W 9:00am-9:50am (CSS 2400) Dis
0102 **(04463)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
F 2:00pm-4:00pm (CSS 1109) Lab
W 9:00am-9:50am (CSS 2400) Dis
0103 **(04464)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 3:30pm-5:30pm (CSS 1109) Lab
Tu 1:00pm-1:50pm (CSS 2400) Dis
0104 **(04465)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Tu 6:00pm-8:00pm (CSS 1109) Lab
Tu 1:00pm-1:50pm (CSS 2400) Dis
0105 **(04466)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 8:00am-10:00am (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0106 **(04467)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 10:30am-12:30pm (CSS 1109) Lab
Tu 3:30pm-4:20pm (CSS 2400) Dis
0107 **(04468)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 1:00pm-3:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0108 **(04469)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
W 6:00pm-8:00pm (CSS 1109) Lab
W 12:00pm-12:50pm (CSS 2400) Dis
0109 **(04470)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 8:30am-10:30am (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis
0110 **(04471)** Deming, G.
TuTh 11:00am-12:15pm (PHY 1412)
Th 3:30pm-5:30pm (CSS 1109) Lab
W 3:00pm-3:50pm (CSS 2400) Dis

ASTR111 Observational Astronomy Laboratory; (1) REG/P-F/AUD. *Corequisite: ASTR 100.* CORE Physical Science Laboratory (PL) Course only when taken concurrently with ASTR 100. The first meetings of ASTR 111 will take place in the week of 9/8 CSS 0201. Subsequent meetings will take place at the Observatory. Details of the transportation will be discussed at the first class meeting.
0101 **(04481)** STAFF
Tu 7:30pm-9:30pm (ALB 1101) Lab
0201 **(04482)** STAFF
W 7:30pm-9:30pm (ALB 1101) Lab

ASTR120 Introductory Astrophysics - Solar System; (3) REG. CORE: PS *Pre- or corequisite: MATH 115. Not open to students who have completed ASTR 100, ASTR 101 or ASTR 200. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 120 or ASTR 200.*
0101 **(04492)** Stone, J.
TuTh 11:00am-12:15pm (CSS 1113)
F 1:00pm-1:50pm (CSS 1113) Dis

ASTR200 Introductory Astronomy and Astrophysics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: PHYS 161 or PHYS 171. Credit will be granted for only one of the following: ASTR 100 or ASTR 101 or ASTR 121 or ASTR 200.*
0101 **(04502)** Harris, A.
TuTh 12:30pm-1:45pm (CSS 0201)

ASTR220 Collisions in Space; (3) REG/P-F/AUD. CORE: PS *Not open to astronomy students.*
0101 **(04512)** McGaugh, S.
TuTh 11:00am-12:15pm (CSS 2400)

ASTR288 *(PermReq)* **Special Projects in Astronomy; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course.

ASTR300 Stars and Stellar Systems; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04544)** Rose, W.
TuTh 9:30am-10:45am (CSS 2400)

ASTR310 Optical Astronomy Techniques; (3) REG/P-F/AUD. *Prerequisites: [PHYS 273 and PHYS 276] or [PHYS 263 and PHYS 263A] or permission of department. For ASTR majors only.* Course is offered in the fall semester only.
0101 **(04554)** Harrington, J.
TuTh 2:00pm-3:15pm (CSS 2416)

ASTR330 Solar-System Astronomy; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-physical science majors. Junior standing.
0101 **(04564)** A'Hearn, M.
TuTh 2:00pm-3:15pm (CSS 2400)

ASTR380 Life in the Universe; (3) REG/P-F/AUD. *Prerequisites: ASTR 100 or ASTR 101 and completion of CORE Distributive Studies requirement in Mathematics and Sciences or permission of department.* Designed primarily for non-science majors. Junior standing.
0101 **(04574)** Theison, D.
TuTh 2:00pm-3:15pm (CSS 1113)

ASTR399 Honors Seminar; (1-16) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ASTR498 *(PermReq)* **Special Problems in Astronomy; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ASTR498N Special Problems in Astronomy: Stars and Stellar Evolution; (1-6) REG/P-F/AUD.
0101 **(04628)** Trimble, V.
TuTh 9:30am-10:45am (CSS 0201)

ASTR620 Galaxies; (3) REG/AUD. *Prerequisite: ASTR 400 or permission of department.*
0101 **(04638)** Veilleux, S.
MW 2:00pm-3:15pm (CSS 0201)

ASTR688M Special Topics in Modern Astronomy: Molecular Clouds and Star Formation; (3) REG/AUD.
0101 **(04648)** Mundy, L.
TuTh 11:00am-12:15pm (CSS 0201)

ASTR688R Special Topics in Modern Astronomy: Radiation and Plasma Processes; (1-3) REG.
0101 **(04658)** Ostriker, E.
TuTh 2:00pm-3:15pm (CSS 0201)

ASTR688S Special Topics in Modern Astronomy: Origin of Solar System; (2) REG/AUD.
0101 **(04668)** Bochsler, P.

ASTR695 Introduction to Research; (1) S-F. *Repeatable to 2 credits if content differs.*
0101 **(04678)** Harris, A.
Tu 5:00pm-6:00pm (CSS 1224)

ASTR699 *(PermReq)* **Special Problems in Advanced Astronomy; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR788 *(PermReq)* **Selected Topics in Modern Astronomy; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ASTR899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM Biochemistry
(Life Sciences)

BCHM461 Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(04825)** STAFF
TuTh 8:00am-9:15am (CHM 1402)
0102 **(04826)** Beckett, D.
TuTh 9:30am-10:45am (CHM 1407)

BCHM461A Biochemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.* For BCHM and CHEM majors only.
0101 **(04836)** Hansen, J.
TuTh 8:00am-9:15am (CHM 0115)

BCHM462 Biochemistry II; (3) REG/P-F/AUD. *Prerequisite: BCHM 461.*
0101 **(04846)** Lorimer, G.
TuTh 9:30am-10:45am (CHM 1402)

BCHM464 Biochemistry Laboratory; (3) REG/P-F/AUD. *Corequisite: BCHM 462. For BCHM and CHEM majors only.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(04856)** Ebrahimian, S.
Th 12:30pm-5:30pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis
0102 **(04857)** Ebrahimian, S.
W 1:00pm-6:00pm (CHM 2225) Lab
Tu 12:30pm-1:20pm (CHM 0122) Dis

BCHM465 Biochemistry III; (3) REG/P-F/AUD. CORE: CS
Prerequisite: BCHM 462.
0101 **(04867)** Julin, D.
TuTh 8:00am-9:15am (CHM 0119)

BCHM671 Protein Chemistry and Enzymic Catalysis; (3) REG/AUD.
0101 **(04877)** Jollie, D.
TuTh 9:30am-10:50am (CHM 2201)

BCHM674 Nucleic Acids; (3) REG/AUD.
0101 **(04887)** STAFF
TuTh 8:00am-9:15am (CHM 2201)

BCHM699 Special Problems in Biochemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates.

BCHM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

BCHM898A Seminar: Biochemistry; (1) REG/AUD.
0101 **(04987)** STAFF
Tu 11:00am-11:50am (CHM 0128)

BCHM898D Seminar: Enzymology Recombination; (1) REG/AUD.
0101 **(04997)** Julin, D.
Time and room to be arranged

BCHM898E Seminar: Catalytic RNA; (1) REG/AUD.
0101 **(05007)** Woodson, S.
Time and room to be arranged

BCHM898F Seminar: Spores; (1) REG/AUD.
0101 **(05017)** Hansen, J.
Time and room to be arranged

BCHM898G Seminar: Enzymology; (1) REG/AUD.
0101 **(05027)** Jollie, D.
Time and room to be arranged

BCHM898I Seminar: Motor Proteins; (1) REG/AUD.
0101 **(05037)** Forbes, J.
Time and room to be arranged

BCHM898J Seminar: Nucleic Acid Structures; (1) REG/AUD.
0101 **(05047)** Kahn, J.
Time and room to be arranged

BCHM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BIOL Biology
(Life Sciences)

All Undergraduate courses in the Biological Sciences are now listed in a single course listing under the heading ***BSCI***. Please refer to that section.

BIOM Biometrics
(Agriculture and Natural Resources)

BIOM301 Introduction to Biometrics; (3) REG/P-F/AUD. *Prerequisite: MATH 115.*
0101 **(05151)** STAFF
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (BPS 1234) Dis
0102 **(05152)** STAFF
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (BPS 1228) Dis
0103 **(05153)** STAFF
TuTh 2:00pm-2:50pm (HJP 0226)
W 1:00pm-1:50pm (CSS 1113) Dis
0104 **(05154)** STAFF
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 3:00pm-3:50pm (BPS 1232) Dis
0105 **(05155)** STAFF
TuTh 2:00pm-2:50pm (HJP 0226)
Tu 4:00pm-4:50pm (BPS 1234) Dis

BIOM401 Biostatistics I; (4) REG/P-F/AUD. *Prerequisite: BIOM 301.*
0101 **(05166)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
Tu 3:00pm-5:00pm (ANS 0473) Lab
0102 **(05167)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
W 9:00am-11:00am (ANS 0473) Lab
0103 **(05168)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
W 12:00pm-2:00pm (ANS 0473) Lab
0104 **(05169)** Douglass, L.
TuTh 12:30pm-1:45pm (ANS 0408)
Th 2:00pm-4:00pm (ANS 0473) Lab

BIOM603 Biostatistics III; (3) REG/AUD. *Corequisite: BIOM 604. Prerequisite: BIOM 602; and BIOM 405 or equivalent.*
0101 **(05180)** Russek-Cohen, E.
Th 2:00pm-3:15pm (PLS 1125)

BIOM604 Linear Models Computer Laboratory; (1) REG/AUD. *Corequisite: BIOM 603. Prerequisite: BIOM 405.*
0101 **(05190)** Russek-Cohen, E.
Th 9:00am-11:00am (ANS 0473) Lab

BIOM688B Topics in Biometrics: Applied Multivariate Statistics; (3) REG/AUD.
0101 **(05200)** Russek-Cohen, E.
TuTh 11:00am-12:15pm (ANS 0412)

BIOM698 Special Problems in Biometrics; (1-3) REG/AUD.
0101 **(05210)** Russek-Cohen, E.
Time and room to be arranged

BMGT Business and Management
(Business and Management)

BMGT110 Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.*
0101 **(05260)** Nickels, W.
TuTh 2:00pm-3:15pm (VMH 1212)

BMGT110A Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.*
0101 **(05270)** STAFF
TuTh 12:30pm-1:45pm (VMH 1212)

BMGT110B Introduction to Business and Management; (3) REG/P-F/AUD. *Not open to BMGT students who have completed 56 or more credit hours. All others may take it anytime.* Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(05280)** Lefkoff-Hagius, R.
TuTh 12:30pm-1:45pm (CCC 1205)
0102 **(05281)** Lefkoff-Hagius, R.
TuTh 12:30pm-1:45pm (CCC 1205)
0103 **(05282)** Lefkoff-Hagius, R.
TuTh 12:30pm-1:45pm (CCC 1205)
0104 **(05283)** Lefkoff-Hagius, R.
TuTh 12:30pm-1:45pm (CCC 1205)

BMGT190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as ENES 190.* First course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(05293)** Assad, A.
MW 5:00pm-6:15pm (VMH 2203)

BMGT201 Introduction to Business Computing; (3) REG. *Sophomore standing. For BMGT majors only. Not open to students who have completed BMGT 301 prior to Fall 1997.* Sophmore Standing.
0101 **(05303)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1202) Dis
0102 **(05304)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1202) Dis
0103 **(05305)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1202) Dis
0104 **(05306)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1202) Dis
0105 **(05307)** Spear, R.
MW 12:30pm-1:45pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1202) Dis
0201 **(05308)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1203) Dis
0202 **(05309)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1203) Dis
0203 **(05310)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 2:00pm-2:50pm (VMH 1203) Dis
0204 **(05311)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 3:00pm-3:50pm (VMH 1203) Dis
0205 **(05312)** Chaires, J.
TuTh 9:30am-10:45am (VMH 1212)
F 4:00pm-4:50pm (VMH 1203) Dis
0301 **(05313)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 5:00pm-5:50pm (TYD 2102) Dis
0302 **(05314)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 6:00pm-6:50pm (TYD 2102) Dis
0303 **(05315)** Chaires, J.
W 5:00pm-7:40pm (VMH 1212)
M 7:00pm-7:50pm (TYD 2102) Dis

BMGT220 Principles of Accounting I; (3) REG. *Sophomore standing.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(05325)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 1118) Dis
0102 **(05326)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2109) Dis
0103 **(05327)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1118) Dis
0104 **(05328)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (TYD 1118) Dis
0105 **(05329)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1118) Dis
0106 **(05330)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 1118) Dis
0107 **(05331)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1118) Dis
0108 **(05332)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 1118) Dis
0109 **(05333)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2109) Dis
0110 **(05334)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 1118) Dis
0111 **(05335)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2109) Dis
0112 **(05336)** Pfeiffer, G.
MW 11:00am-12:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 1108) Dis
0201 **(05337)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 8:00am-8:50am (TYD 2102) Dis
0202 **(05338)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 9:00am-9:50am (TYD 2102) Dis
0203 **(05339)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 10:00am-10:50am (TYD 2102) Dis
0204 **(05340)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 11:00am-11:50am (TYD 2102) Dis
0205 **(05341)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2102) Dis
0206 **(05342)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2102) Dis
0207 **(05343)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 1:00pm-1:50pm (TYD 2109) Dis
0208 **(05344)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 2:00pm-2:50pm (TYD 2102) Dis
0209 **(05345)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 3:00pm-3:50pm (TYD 2102) Dis
0210 **(05346)** Hardy, K.
TuTh 5:00pm-6:15pm (TYD 0130)
F 4:00pm-4:50pm (TYD 2102) Dis

BMGT221 Principles of Accounting II; (3) REG. *Prerequisite: BMGT 220.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(05356)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1202) Dis
0102 **(05357)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1311) Dis
0103 **(05358)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 10:00am-10:50am (TYD 2109) Dis
0104 **(05359)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1203) Dis
0105 **(05360)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 12:00pm-12:50pm (TYD 2109) Dis
0106 **(05361)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (ARC 1101) Dis
0107 **(05362)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 1:00pm-1:50pm (TYD 1101) Dis
0108 **(05363)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 2:00pm-2:50pm (VMH 1307) Dis
0109 **(05364)** Hardy, K.
TuTh 3:30pm-4:45pm (TYD 0130)
F 3:00pm-3:50pm (VMH 1307) Dis

BMGT230 Business Statistics; (3) REG. *Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam.
0101 **(05374)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 8:00am-8:50am (TYD 1108) Dis
0102 **(05375)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 8:00am-8:50am (VMH 1311) Dis
0103 **(05376)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 9:00am-9:50am (TYD 1108) Dis
0104 **(05377)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 10:00am-10:50am (TYD 1108) Dis
0105 **(05378)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 11:00am-11:50am (TYD 1108) Dis
0106 **(05379)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 12:00pm-12:50pm (TYD 1108) Dis
0107 **(05380)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 1:00pm-1:50pm (TYD 1108) Dis
0108 **(05381)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 1:00pm-1:50pm (VMH 1207) Dis
0109 **(05382)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 2:00pm-2:50pm (TYD 1108) Dis
0110 **(05383)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 2:00pm-2:50pm (VMH 1314) Dis
0111 **(05384)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 3:00pm-3:50pm (TYD 1108) Dis
0112 **(05385)** Webster, D.
TuTh 8:00am-9:15am (TYD 0130)
F 4:00pm-4:50pm (VMH 1207) Dis
0201 **(05386)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 8:00am-8:50am (TYD 0101) Dis
0202 **(05387)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 9:00am-9:50am (TYD 2109) Dis
0203 **(05388)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 10:00am-10:50am (VMH 1202) Dis
0204 **(05389)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 11:00am-11:50am (TYD 2109) Dis
0205 **(05390)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 12:00pm-12:50pm (TYD 1132) Dis
0206 **(05391)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 1:00pm-1:50pm (LEF 1201) Dis
0207 **(05392)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 2:00pm-2:50pm (VMH 1206) Dis
0208 **(05393)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 3:00pm-3:50pm (VMH 1206) Dis
0209 **(05394)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 4:00pm-4:50pm (VMH 1206) Dis
0210 **(05395)** Webster, D.
TuTh 9:30am-10:45am (SKN 0200)
F 8:00am-8:50am (VMH 1202) Dis

BMGT231 Statistical Models For Business; (3) REG. *Prerequisite: MATH 141 or permission of department Required for management science and statistics and decision and information sciences majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400.*
0101 **(05405)** Widhelm, W.
TuTh 11:00am-12:15pm (TYD 1108)
F 9:00am-9:50am (TYD 1132) Dis
0201 **(05406)** Widhelm, W.
TuTh 12:30pm-1:45pm (TYD 2109)
F 10:00am-10:50am (SQH 1120) Dis
0202 **(05407)** Widhelm, W.
TuTh 12:30pm-1:45pm (TYD 2109)
F 11:00am-11:50am (SQH 1105) Dis

BMGT302 Business Computer Application Programming; (3) REG. *Prerequisite: BMGT 201 or CMSC 102 or CMSC 103 or permission of department. Not open to computer science students. For BMGT majors only.* This is a restricted course for BMGT majors and 08380 majors with 68 semester hours completed. All others must have authorization.
0101 **(05417)** Venkatesh, V.
TuTh 8:00am-9:15am (ARC 1103)
0201 **(05418)** Venkatesh, V.
TuTh 9:30am-10:45am (ARC 1103)

BMGT305 Survey of Business Information Systems and Technology; (3) REG. *For decision and information science majors only. Not open to computer science students. 53 semester hours.*
0101 **(05428)** Geter, R.
TuTh 9:30am-10:45am (TWS 2154)
F 2:00pm-2:50pm (VMH 1207) Dis
0102 **(05429)** Geter, R.
TuTh 9:30am-10:45am (TWS 2154)
F 3:00pm-3:50pm (VMH 1311) Dis

BMGT310 Intermediate Accounting I; (3) REG. *Prerequisite: BMGT 221.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting and Finance majors with 53 credit hours completed. All others must have authorization.
0101 **(05439)** Pfeiffer, G.
TuTh 8:00am-9:15am (TYD 2102)
0201 **(05440)** Rymer, V.

MW 9:30am-10:45am (TYD 1108)
0301 **(05441)** STAFF
MW 2:00pm-3:15pm (LEF 2208)
0401 **(05442)** Fettus, S.
TuTh 11:00am-12:15pm (TYD 1118)
0501 **(05443)** Fettus, S.
TuTh 2:00pm-3:15pm (TYD 1118)
0601 **(05444)** STAFF
MW 3:30pm-4:45pm (ASY 3207)
0701 **(05445)** Troy, C.
MW 8:00am-9:15am (TYD 1108)

BMGT311 Intermediate Accounting II; (3) REG. *Prerequisite: BMGT 310.* Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization.
0101 **(05455)** Michelson, B.
M 7:00pm-9:40pm (TYD 2109)
0201 **(05456)** Kim, O.
MW 2:00pm-3:15pm (TYD 0117)
0301 **(05457)** Kim, O.
MW 3:30pm-4:45pm (TYD 2102)

BMGT321 Cost Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05467)** STAFF
TuTh 11:00am-12:15pm (LEF 1201)
0201 **(05468)** Loeb, M.
TuTh 5:00pm-6:15pm (VMH 1307)
0301 **(05469)** STAFF
MW 11:00am-12:15pm (TYD 1118)
0401 **(05470)** STAFF
MW 12:30pm-1:45pm (TYD 1118)

BMGT323 Income Tax Accounting; (3) REG. *Prerequisite: BMGT 221.* This course is restricted to BMGT majors with 53 semester hours. All others must have authorization.
0101 **(05480)** Pfeiffer, G.
MW 5:00pm-6:15pm (TYD 1118)
0201 **(05481)** Pantalone, V.
TuTh 3:30pm-4:45pm (TYD 1118)
0301 **(05482)** Pfeiffer, G.
MW 2:00pm-3:15pm (TYD 1118)
0401 **(05483)** Pfeiffer, G.
MW 3:30pm-4:45pm (TYD 1118)

BMGT326 Accounting Systems; (3) REG. *Prerequisite: BMGT 201 and BMGT 310.* This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization.
0101 **(05493)** Habershon, B.
MW 9:30am-10:45am (VMH 2203)
0201 **(05494)** Habershon, B.
MW 12:30pm-1:45pm (VMH 2203)

BMGT332 Operations Research For Management Decisions; (3) REG. *Prerequisite: BMGT 230.* Not for management science-statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization.
0101 **(05504)** Golden, B.
MW 2:00pm-3:15pm (SQH 1117)
0201 **(05505)** STAFF
TuTh 11:00am-12:15pm (ASY 3219)
0301 **(05506)** STAFF
TuTh 12:30pm-1:45pm (KEY 0102)

BMGT340 Business Finance; (3) REG. *Prerequisites: BMGT 221; and [BMGT 230 or BMGT 231].* This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization.
0101 **(05516)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 8:00am-8:50am (VMH 1206) Dis
0102 **(05517)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 9:00am-9:50am (VMH 1206) Dis
0103 **(05518)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 10:00am-10:50am (VMH 1206) Dis
0104 **(05519)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1206) Dis
0105 **(05520)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1206) Dis
0106 **(05521)** Draper, F.
MW 2:00pm-3:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1314) Dis
0201 **(05522)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 8:00am-8:50am (VMH 1207) Dis
0202 **(05523)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 9:00am-9:50am (VMH 1207) Dis
0203 **(05524)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 10:00am-10:50am (VMH 1207) Dis
0204 **(05525)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 11:00am-11:50am (VMH 1207) Dis
0205 **(05526)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1207) Dis
0206 **(05527)** Draper, F.
MW 3:30pm-4:45pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1207) Dis

BMGT343 Investments; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors with 68 semester hours completed. All others must have authorization.
0101 **(05537)** Polakoff, M.
MW 2:00pm-3:15pm (TYD 1108)
0201 **(05538)** Polakoff, M.
MW 3:30pm-4:45pm (VMH 1207)
0301 **(05539)** Agoro-Menyang, S.
MW 12:30pm-1:45pm (VMH 1303)
0401 **(05540)** Agoro-Menyang, S.
MW 5:00pm-6:15pm (VMH 1207)

BMGT350 Marketing Principles and Organization; (3) REG. *Prerequisite: ECON 200 or ECON 205.* This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 1303A, 1303B, 1303C, 1303E, 1304A, 0601A, 0601F, 0602A, 0602F, or 0111C must have 70 semester hours completed. All others must have authorization.
0101 **(05550)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1307) Dis
0102 **(05551)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1307) Dis
0103 **(05552)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1307) Dis
0104 **(05553)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 11:00am-11:50am (VMH 1311) Dis
0105 **(05554)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 12:00pm-12:50pm (VMH 1311) Dis
0106 **(05555)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1206) Dis
0107 **(05556)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 8:00am-8:50am (VMH 1203) Dis
0108 **(05557)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 9:00am-9:50am (VMH 1203) Dis
0109 **(05558)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 10:00am-10:50am (VMH 1311) Dis
0110 **(05559)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 1:00pm-1:50pm (VMH 1311) Dis
0111 **(05560)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 2:00pm-2:50pm (VMH 1311) Dis
0112 **(05561)** Nickels, W.
TuTh 12:30pm-1:45pm (TYD 0130)
F 4:00pm-4:50pm (VMH 1311) Dis
0201 **(05562)** Dorsett, A.
MW 8:00am-9:15am (VMH 1203)

BMGT350H *(PermReq)* Marketing Principles and Organization; (3) REG. *Prerequisite: ECON 200 or ECON 205.* For general honors students only.
0101 **(05572)** Lefkoff-Hagius, R.
TuTh 9:30am-10:45am (TYD 1108)

BMGT351 Direct Marketing; (3) REG. *Prerequisite: BMGT 350. For BMGT majors only.*
0101 **(05582)** Frank, J.
MW 11:00am-12:15pm (TYD 2102)

BMGT353 Retail Management; (3) REG. *Prerequisites: BMGT 220; and BMGT 350.* This course is restricted to BMGT majors and students with major code 0803C, with 68 semester hours completed. All others must have authorization.
0101 **(05592)** Neisner, L.
TuTh 9:30am-10:45am (VMH 1307)
0201 **(05593)** Wagner, J.
TuTh 2:00pm-3:15pm (LEF 1221)

BMGT357 *(PermReq)* Retailing and Marketing Internship; (3-6) REG. *Prerequisites: BMGT 350 and permission of department. For BMGT majors only.*
0101 **(05603)** Wagner, J.
Time and room to be arranged

BMGT360 Human Resource Management; (3) REG. This course is open to all students with 53 semester hours completed.
0101 **(05613)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 8:00am-8:50am (VMH 1314) Dis
0102 **(05614)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 9:00am-9:50am (VMH 1314) Dis
0103 **(05615)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 10:00am-10:50am (VMH 1314) Dis
0104 **(05616)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 11:00am-11:50am (VMH 1314) Dis
0105 **(05617)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 12:00pm-12:50pm (VMH 1314) Dis
0106 **(05618)** Kovach, K.
TuTh 8:00am-9:15am (VMH 1212)
F 1:00pm-1:50pm (VMH 1314) Dis

BMGT362 Labor Relations; (3) REG. This course is restricted to BMGT majors and students with major codes 0839A, 1307A, and 1307B with 60 semester hours completed. All others must have authorization.
0101 **(05628)** Levine, M.
TuTh 12:30pm-1:45pm (VMH 1307)

BMGT364 Management and Organization Theory; (3) REG. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1303E, 0111C, 1102B, 1103B, 1105B, 1106B, 1107B, 1108B, 01130, and 1307 with 53 semester hours completed. All others must have authorization.
0101 **(05639)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 8:00am-8:50am (VMH 1303) Dis
0102 **(05640)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 9:00am-9:50am (VMH 1303) Dis
0103 **(05641)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 10:00am-10:50am (VMH 1303) Dis
0104 **(05642)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 11:00am-11:50am (VMH 1303) Dis
0105 **(05643)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 12:00pm-12:50pm (VMH 1303) Dis
0106 **(05644)** Kovach, K.
MW 9:30am-10:45am (VMH 1212)
F 1:00pm-1:50pm (VMH 1303) Dis
0201 **(05645)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 11:00am-11:50am (VMH 1307) Dis
0202 **(05646)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 12:00pm-12:50pm (VMH 1307) Dis
0203 **(05647)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 1:00pm-1:50pm (VMH 1307) Dis
0204 **(05648)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 2:00pm-2:50pm (VMH 1303) Dis
0205 **(05649)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 3:00pm-3:50pm (VMH 1303) Dis
0206 **(05650)** Kovach, K.
MW 11:00am-12:15pm (VMH 1212)
F 4:00pm-4:50pm (VMH 1303) Dis

BMGT364H *(PermReq)* Management and Organization Theory; (3) REG. For general honors students.
0101 **(05660)** Simon, D.
MW 2:00pm-3:15pm (ASY 1213)

BMGT367 Career Search Strategies in Business; (1) REG/P-F/AUD. *Junior standing. For BMGT majors only.* Restricted to BMGT majors with 56 credits.
0101 **(05670)** Sutton, V.
M 5:00pm-7:00pm (VMH 1203)
0201 **(05671)** Sutton, V.
Tu 5:00pm-7:00pm (VMH 1203)
0301 **(05672)** Sutton, V.
W 5:00pm-7:00pm (VMH 1203)
0401 **(05673)** Sutton, V.
Th 5:00pm-7:00pm (VMH 1203)
0501 **(05674)** Sutton, V.
M 5:00pm-7:00pm (VMH 1203)
0601 **(05675)** Sutton, V.
Tu 5:00pm-7:00pm (VMH 1203)
0701 **(05676)** Sutton, V.
W 5:00pm-7:00pm (VMH 1203)
0801 **(05677)** Sutton, V.
Th 5:00pm-7:00pm (VMH 1203)

BMGT370 Introduction to Transportation Management; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This course is open to all students with 53 semester hours completed.
0101 **(05687)** Mulvey, F.
TuTh 8:00am-9:15am (VMH 1203)
0201 **(05688)** Quasney, T.
MW 12:30pm-1:45pm (TYD 2102)
0301 **(05689)** Quasney, T.
MW 2:00pm-3:15pm (TYD 2102)

BMGT372 Introduction to Logistics Management; (3) REG. Open to BMGT majors and major codes 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05699)** Dresner, M.
MW 11:00am-12:15pm (TYD 1101)
0201 **(05700)** King, M.
MW 12:30pm-1:45pm (VMH 1202)
0301 **(05701)** Knemeyer, A.
TuTh 8:00am-9:15am (TYD 1118)
0401 **(05702)** Knemeyer, A.
TuTh 9:30am-10:45am (TYD 1118)

BMGT380 Business Law I; (3) REG. This course is restricted to BMGT majors and students with major codes 0803C, 0803H, 0111C, 08380, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have authorization.
0101 **(05712)** McClenahan, W.
MW 11:00am-12:15pm (TYD 0117)
0201 **(05713)** Ostas, D.
MW 9:30am-10:45am (TYD 2109)
0301 **(05714)** Ostas, D.
MW 11:00am-12:15pm (TYD 2109)
0401 **(05715)** Leete, B.
TuTh 3:30pm-4:45pm (TYD 2109)
0501 **(05716)** McClenahan, W.
MW 12:30pm-1:45pm (TYD 2109)
0601 **(05717)** McClenahan, W.
MW 8:00am-9:15am (VMH 1212)

BMGT381 Business Law II; (3) REG. *Prerequisite: BMGT 380 or permission of department.* This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization.
0101 **(05727)** Needham, J.
TuTh 3:30pm-4:45pm (VMH 1212)

BMGT385 Production Management; (3) REG. This course is restricted to BMGT majors and major code 0839A with 53 semester hours completed. All others must have authorization.
0101 **(05737)** Chen, C.
MW 11:00am-12:15pm (VMH 1314)
F 10:00am-10:50am (VMH 1203) Dis

BMGT392 Introduction to International Business Management; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This course is restricted to business majors and major codes 11020, 11030, 11050, 11060, 1102B, 1103B, 1105B, 1106B, 1107B, and 1108B with 53 semester hours completed. All others must have an authorization.
0101 **(05747)** Turner, H.
TuTh 9:30am-10:45am (VMH 1203)
0201 **(05748)** Turner, H.
TuTh 12:30pm-1:45pm (ASY 2309)

BMGT398 *(PermReq)* Individual Study in Business and Management; (1-3) REG. Individual Instruction course: contact department or instructor to obtain section number.

BMGT398A Individual Study in Business and Management: Fast-Forward Introduction to Accounting; (1-3) REG/P-F/AUD.
0101 **(05848)** Fettus, S.
Tu 4:00pm-6:40pm (VMH 1314)

BMGT398M *(PermReq)* Individual Study in Business and Management: Practicum in Team Management; (2) REG/P-F/AUD.
0101 **(05868)** Kinney, A.
Th 6:00pm-8:00pm (VMH 3327)

BMGT398T *(PermReq)* Individual Study in Business and Management: General Business Internship; (3) REG.
0101 **(05878)** Grimm, C.
Time and room to be arranged

BMGT402 Database Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(05931)** Spear, R.
MW 8:00am-9:15am (VMH 1303)
0201 **(05932)** Spear, R.
MW 9:30am-10:45am (VMH 1303)
0301 **(05933)** STAFF
Tu 7:00pm-9:40pm (VMH 1307)

BMGT403 Systems Analysis and Design; (3) REG. *Prerequisite: BMGT 305 or equivalent.* Restricted to BMGT majors with 72 semester hours completed. This course offered in fall semester only.
0101 **(05943)** Ibrahim, H.
MW 11:00am-12:15pm (VMH 1303)
0201 **(05944)** Ibrahim, H.
MW 3:30pm-4:45pm (VMH 1303)

BMGT404 Seminar in Decision Support Systems; (3) REG. *Prerequisite: BMGT 305 or equivalent.*
0101 **(05954)** STAFF
TuTh 12:30pm-1:45pm (VMH 1311)

BMGT405 Business Telecommunications; (3) REG/P-F/AUD. *Prerequisite: BMGT 305 or equivalent.*
0101 **(05964)** Ibrahim, H.
MW 2:00pm-3:15pm (VMH 1303)

BMGT407 Info Systems Projects; (3) REG/P-F/AUD. *Prerequisite: 12 hours of information systems. For decision and information sciences majors only. Senior standing.*
0101 **(05974)** Geter, R.
TuTh 8:00am-9:15am (VMH 1202)
0201 **(05975)** Geter, R.
TuTh 3:30pm-4:45pm (TYD 1102)

BMGT411 Ethics and Professionalism in Accounting; (3) REG. *Prerequisite: BMGT 311. For accounting majors only. Senior standing.* This course is restricted to accounting majors with 86 semester hours completed. All others must have authorization.
0101 **(05985)** Webb, N.
TuTh 12:30pm-1:45pm (TYD 1118)
0201 **(05986)** Loeb, S.
MW 3:30pm-4:45pm (VMH 1311)

BMGT417 Advanced Tax Accounting; (3) REG. *Prerequisites: BMGT 311; and BMGT 323.* This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization.
0101 **(05996)** Pantalone, V.
TuTh 11:00am-12:15pm (TYD 2102)
0201 **(05997)** Pantalone, V.
TuTh 12:30pm-1:45pm (TYD 2102)

BMGT422 Auditing Theory and Practice; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(06007)** Webb, N.
TuTh 9:30am-10:45am (TYD 2102)
0201 **(06008)** STAFF
TuTh 2:00pm-3:15pm (TYD 2102)
0301 **(06009)** STAFF
TuTh 3:30pm-4:45pm (TYD 2102)

BMGT424 Advanced Accounting; (3) REG. *Prerequisite: BMGT 311.* This is a restricted course for accounting majors. All other majors must have authorization. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam.
0101 **(06019)** Rymer, V.
MW 2:00pm-3:15pm (TYD 2109)
0201 **(06020)** Rymer, V.
MW 3:30pm-4:45pm (TYD 2109)

BMGT430 Linear Statistical Models in Business; (3) REG. *Prerequisite: BMGT 230 or BMGT 231 or permission of department.* This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization.
0101 **(06030)** Zantek, P.
MW 12:30pm-1:45pm (VMH 1203)
F 11:00am-11:50am (VMH 1202) Dis

BMGT434 Introduction to Optimization Theory; (3) REG. *Prerequisite: MATH 220; or permission of department.* This course is restricted to BMGT majors with 72 semester hours. All others must have authorization. This course offered in fall semester only.
0101 **(06040)** STAFF
MW 9:30am-10:45am (VMH 1311)
0201 **(06041)** Gass, S.
MW 2:00pm-3:15pm (VMH 1307)

BMGT435 Introduction to Applied Probability Models; (3) REG/P-F/AUD. *Prerequisite: BMGT 231 or permission of department.*
0101 **(06051)** Bodin, L.
TuTh 2:00pm-3:15pm (PLS 1140)

BMGT440 Financial Management; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(06061)** Schrenk, L.
TuTh 9:30am-10:45am (VMH 1206)
0201 **(06062)** Marquez, R.
MW 12:30pm-1:45pm (VMH 1307)
0301 **(06063)** Marquez, R.
MW 3:30pm-4:45pm (SQH 1117)
0401 **(06064)** Schrenk, L.
TuTh 11:00am-12:15pm (VMH 1311)

BMGT443 Security Analysis and Valuation; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to BMGT majors with 84 semester hours. All others must have authorization.
0101 **(06074)** STAFF
TuTh 2:00pm-3:15pm (VMH 1203)
0201 **(06075)** STAFF
TuTh 3:30pm-4:45pm (VMH 1203)
0301 **(06076)** Berkowitz, S.
M 7:00pm-9:40pm (TYD 1118)
0401 **(06077)** Berkowitz, S.
Tu 7:00pm-9:40pm (VMH 1314)

BMGT444 Futures Contracts and Options; (3) REG. *Prerequisite: BMGT 343.* This course is restricted to finance majors with 84 semester hours completed. All others must have authorization.
0101 **(06087)** Madan, D.
MW 3:30pm-4:45pm (SQH 1105)
0201 **(06088)** Madan, D.
MW 11:00am-12:15pm (TYD 1108)

BMGT445 Commercial Bank Management; (3) REG. *Prerequisites: BMGT 340; and ECON 430.* This course is restricted to finance majors with 84 hours completed. All others must have authorization.
0101 **(06098)** Malmquist, D.
Tu 7:00pm-9:40pm (VMH 1311)
0201 **(06099)** Malmquist, D.
W 7:00pm-9:40pm (VMH 1311)
0301 **(06100)** Morrison, R.
Th 7:00pm-9:40pm (VMH 1207)

BMGT446 International Finance; (3) REG. *Prerequisite: BMGT 340.* This course is restricted to finance majors and general business with 72 hours completed. All others must have authorization.
0101 **(06111)** Bryant, S.
TuTh 2:00pm-3:15pm (TYD 2109)
0201 **(06112)** Draper, F.
MW 9:30am-10:45am (TYD 1118)
0301 **(06113)** Draper, F.
MW 11:00am-12:15pm (TYD 2111)
0401 **(06114)** Bryant, S.
TuTh 5:00pm-6:15pm (TYD 2109)

BMGT451 Consumer Analysis; (3) REG. *Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who*

have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0601A and 0601F with 68 hours completed. All others must have authorization.
0101 **(06124)** STAFF
TuTh 11:00am-12:15pm (VMH 1307)
0201 **(06125)** Boza, M.
MW 12:30pm-1:45pm (VMH 1311)
0301 **(06126)** Boza, M.
MW 9:30am-10:45am (TYD 2102)
0401 **(06127)** STAFF
TuTh 2:00pm-3:15pm (TYD 1108)

BMGT452 Marketing Research Methods; (3) REG. *Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450.* This course restricted to marketing majors with 72 semester hours completed. All others must have authorization.
0101 **(06148)** Kannan, P.
MW 12:30pm-1:45pm (VMH 1207)
0201 **(06149)** Chuchinprakarn, N.
MW 2:00pm-3:15pm (SQH 1105)
0301 **(06150)** Chuchinprakarn, N.
TuTh 3:30pm-4:45pm (TYD 0117)
0401 **(06151)** Chuchinprakarn, N.
TuTh 5:00pm-6:15pm (VMH 1311)

BMGT454 International Marketing; (3) REG. *Prerequisites: BMGT 350 plus one other marketing course.* This course is restricted to BMGT majors with 72 semester hours completed.
0101 **(06163)** Ostapenko, N.
TuTh 3:30pm-4:45pm (ASY 1213)
0201 **(06164)** Greer, T.
TuTh 11:00am-12:15pm (EDU 0212)

BMGT455 Sales Management; (3) REG. *Prerequisite: BMGT 350.*
0101 **(06185)** Neisner, L.
TuTh 2:00pm-3:15pm (TYD 1101)

BMGT457 Marketing Policies and Strategies; (3) REG. CORE: CS *Prerequisite: BMGT 451. Corequisite: BMGT 452.* This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization.
0101 **(06195)** STAFF
MW 9:30am-10:45am (VMH 1207)
0201 **(06196)** Neisner, L.
TuTh 3:30pm-4:45pm (TYD 1108)

BMGT460 Human Resource Management: Analysis and Problems; (3) REG. *Prerequisite: BMGT 360. Recommended: BMGT 230.* This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization. Offered fall only.
0101 **(06206)** Russell, J.
MW 3:30pm-4:45pm (ASY 1213)

BMGT461 Entrepreneurship; (3) REG. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization.
0101 **(06216)** Gross, P.
Tu 3:30pm-6:10pm (VMH 1207)

BMGT462 Employment Law for Business; (3) REG. *Restricted to BMGT majors with 72 hours completed.* This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization. Offered fall only.
0101 **(06226)** Levine, M.
TuTh 9:30am-10:45am (VMH 1311)

BMGT472 Advanced Logistics Operations: (3) REG. *Prerequisite: BMGT 372.*
0101 **(06236)** Evers, P.
TuTh 3:30pm-4:45pm (TYD 1101)

BMGT473 Advanced Transportation Policies; (3) REG. *Prerequisite: BMGT 370.* This course is open to all students with 72 semester hours completed.
0101 **(06246)** Gardner, L.
TuTh 8:00am-9:15am (VMH 1307)
0201 **(06247)** Dayton, M.
TuTh 8:00am-9:15am (VMH 1207)

BMGT475 Advanced Logistics Strategy; (3) REG/P-F/AUD. *Prerequisites: BMGT 370; and BMGT 372.*
0101 **(06257)** Needham, P.
MW 5:00pm-6:15pm (VMH 1202)

BMGT476 Applied Computer Models in Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 301 and BMGT 370 and BMGT 372.* Open to transportation majors. All others must have authorization.
0101 **(06267)** Corsi, T.
MW 11:00am-12:15pm (VMH 2203)

BMGT477 International Logistics and Transportation Management; (3) REG. *Prerequisites: BMGT 370; and BMGT 372.* This course restricted to BMGT majors only. All others must have authorization.
0101 **(06277)** Carter, C.
MW 12:30pm-1:45pm (VMH 1206)
0201 **(06278)** Carter, C.
MW 2:00pm-3:15pm (ASY 2309)

BMGT482 Business and Government; (3) REG. *Prerequisite: ECON 200; or ECON 205.* This is a restricted course. Non-BMGT majors must have authorization.
0101 **(06288)** Lesser, L.
TuTh 3:30pm-4:45pm (SQH 1117)

BMGT490H The Total Quality Practicum; (3) REG. *Prerequisite: BMGT 390 or ENES 390. Also offered as ENES 490.* Fourth course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(06309)** Lele, S.
TuTh 5:00pm-6:15pm (VMH 1202)

BMGT493 *(PermReq)* Honors Study; (3) REG. *Prerequisite: permission of department.*
0101 **(06319)** Liedtka, S.
M 3:30pm-6:10pm (VMH 3441)
0102 **(06320)** Liedtka, S.
W 3:30pm-6:10pm (TYD 1108)

BMGT495 Business Policies; (3) REG. CORE: CS *Prerequisites: BMGT 340; and BMGT 350; and BMGT 364.* Open only to graduating seniors in Business and Management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization.
0101 **(06343)** Paruchuri, S.
MW 8:00am-9:15am (VMH 1314)
0201 **(06344)** Paruchuri, S.
MW 9:30am-10:45am (VMH 1314)
0301 **(06345)** Roberson, Q.
MW 12:30pm-1:45pm (VMH 1314)
0401 **(06346)** Roberson, Q.
MW 2:00pm-3:15pm (VMH 1314)
0501 **(06347)** Yun, S.
TuTh 9:30am-10:45am (VMH 1314)
0601 **(06348)** Yun, S.
TuTh 11:00am-12:15pm (VMH 1314)
0701 **(06349)** Clark, K.
TuTh 12:30pm-1:45pm (VMH 1314)
0801 **(06350)** Clark, K.
TuTh 2:00pm-3:15pm (VMH 1314)

BMGT496 Business Ethics and Society; (3) REG. *Prerequisite: one course in BMGT; or permission of department.*
0101 **(06360)** Lesser, L.
TuTh 12:30pm-1:45pm (VMH 1202)

BMGT498 Special Topics in Business and Management: Integrated Marketing Communications; (3) REG/P-F/AUD.
0101 **(06370)** STAFF
TuTh 9:30am-10:45am (TYD 2109)
0201 **(06371)** STAFF
TuTh 11:00am-12:15pm (TYD 2109)
0301 **(06372)** STAFF
TuTh 2:00pm-3:15pm (ARC 1105)

BMGT498M Special Topics in Business and Management: Electronic Marketing; (3) REG/P-F/AUD.
0101 **(06382)** Boyd, D.
TuTh 12:30pm-1:45pm (VMH 1303)
For courses 600 and above, available seats will be available to the following groups of students: Students admitted/graduates of a UMCP masters or Ph.D program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Graduate Business School starting the first day of registration for specific instructions on how to request 600-700 level courses.

BMGT608A ELM: Special Topics: The Information Highway: Navigating the Business Lane; (No credit) S-F. Majors only.
GS01 **(06392)** Abels, E.
Time and room to be arranged
0101 **(06393)** Abels, E.
Time and room to be arranged

BMGT608B ELM: Special Topics: Career Development; (No credit) S-F. Majors only. Part-time students who ONLY register for courses at College Park should register for section 0501. All other part-time MBA students should register for GS01.
GS01 **(06403)** Hradsky, R.
Time and room to be arranged
0101 **(06404)** Hradsky, R.
Time and room to be arranged
0501 **(06405)** Hradsky, R.
Time and room to be arranged

BMGT608E ELM: Special Topics: ELM: Case Competition; (No credit) S-F. Majors only. Must be taken concurrently with BMGT 690. The student must register for a section of BMGT 690 if taking this course.
0101 **(06415)** Gupta, A.
Meets 11/30/99-12/04/99
Time and room to be arranged

BMGT610 Financial Reporting and Cost Accounting; (3) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non-majors
GS01 **(06425)** Peters, M.
W 7:00pm-9:40pm (Arranged)
GS02 **(06426)** Shaw, K.
Th 7:00pm-9:40pm (Arranged)
GS03 **(06427)** Kim, O.
Th 6:30pm-9:10pm (Arranged)
0101 **(06428)** Shaw, K.
TuTh 11:00am-12:15pm (VMH 1203)
0201 **(06429)** Peters, M.
MW 2:00pm-3:15pm (VMH 1203)
0301 **(06430)** Shaw, K.
TuTh 12:30pm-1:45pm (VMH 1203)
0401 **(06431)** Peters, M.
MW 11:00am-12:15pm (VMH 1207)

BMGT611 Managerial Accounting; (1.5) REG/AUD. *Prerequisite: BMGT 610.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06441)** STAFF
Meets 09/01/99-10/21/99
M 7:00pm-9:40pm (Arranged)
GS02 **(06442)** STAFF
Meets 10/25/99-12/20/99
M 6:30pm-9:10pm (Arranged)
GS03 **(06443)** Iyengar, R.
Meets 10/25/99-12/20/99
Tu 7:00pm-9:40pm (Arranged)

BMGT615 Business Communications; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non majors.
0301 **(06453)** Parkey-Barao, T.
Tu 2:00pm-4:40pm (VMH 1202)
0401 **(06454)** Parkey-Barao, T.
Th 2:00pm-4:40pm (VMH 1202)

BMGT620 Strategic Information Systems; (1.5) REG/AUD. *For BMGT majors only.* Majors only until the first day of classes. Departmental approval required for non majors.
0301 **(06464)** Palmer, J.
Tu 2:00pm-4:40pm (VMH 1202)
0401 **(06465)** Palmer, J.
Th 2:00pm-4:40pm (VMH 1202)

BMGT630 Managerial Statistics I; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06475)** Lele, S.
MW 2:00pm-3:15pm (VMH 1202)
0201 **(06476)** Alt, F.
MW 11:00am-12:15pm (VMH 1202)
0301 **(06477)** Alt, F.
MW 9:30am-10:45am (VMH 1202)
0401 **(06478)** Lele, S.
MW 3:30pm-4:45pm (VMH 1202)

BMGT632 Decision Modeling and Analysis; (1.5) REG/AUD. *Prerequisite: BMGT 630. For BMGT majors only. Not open to students who have completed BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06488)** Gass, S.
M 7:00pm-9:40pm (Arranged)
GS02 **(06489)** Gass, S.
M 6:30pm-9:10pm (Arranged)
GS03 **(06490)** STAFF
Tu 7:00pm-9:40pm (Arranged)

BMGT640 Financial Management; (3) REG/AUD. *Prerequisites: BMGT 610; and BMGT 630. For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
BA01 **(06500)** STAFF
M 6:30pm-9:10pm (Arranged)
GS01 **(06501)** Zuta, S.
W 7:00pm-9:40pm (Arranged)
GS02 **(06502)** Phillips, G.
W 6:30pm-9:10pm (Arranged)
GS03 **(06503)** Zuta, S.
Th 7:00pm-9:40pm (Arranged)

BMGT650 Marketing Management; (3) REG/AUD. *For BMGT majors only or permission of department.*
BA01 **(06513)** Shankar, V.
W 6:30pm-9:10pm (Arranged)
0101 **(06514)** Krapfel, R.
TuTh 9:30am-10:45am (VMH 1202)
0201 **(06515)** Krapfel, R.
TuTh 11:00am-12:15pm (VMH 1202)
0501 **(06516)** Neisner, L.
Time and room to be arranged

BMGT662 Organizational Behavior and Human Resources; (1.5) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 660.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06526)** Sims, H.
Meets 10/25/99-12/20/99
M 7:00pm-9:40pm (Arranged)
GS02 **(06527)** Russell, J.
Meets 10/25/99-12/20/99
Tu 7:00pm-9:40pm (Arranged)
GS03 **(06528)** Sims, H.
Meets 10/25/99-12/20/99
Tu 6:30pm-9:10pm (Arranged)
0101 **(06529)** Gannon, M.
Meets 10/25/99-12/20/99
Tu 2:30pm-5:10pm (VMH 1303)
0201 **(06530)** Locke, E.
Meets 10/25/99-12/20/99
Th 2:00pm-4:40pm (VMH 1303)
0301 **(06531)** Locke, E.
Meets 10/25/99-12/20/99
Th 9:30am-12:10pm (VMH 1303)
0401 **(06532)** Gannon, M.
Meets 10/25/99-12/20/99
Tu 9:30am-12:10pm (VMH 1303)

BMGT663 Introduction to the Management of Human Resources; (1.5) REG/AUD. *Prerequisite: BMGT 662. For BMGT majors only. Not open to students who have completed BMGT 661.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06542)** Moye, N.
M 7:00pm-9:40pm (Arranged)
GS02 **(06543)** Russell, J.
Tu 7:00pm-9:40pm (Arranged)
GS03 **(06544)** Russell, J.
Tu 6:30pm-9:10pm (Arranged)
0101 **(06545)** Kovach, K.
Tu 2:30pm-5:10pm (VMH 1303)
0201 **(06546)** Stevens, C.
Th 2:00pm-4:40pm (VMH 1303)
0301 **(06547)** Kovach, K.
Th 9:30am-12:10pm (VMH 1303)
0401 **(06548)** Stevens, C.
Tu 9:30am-12:10pm (VMH 1303)

BMGT681 Managerial Economics and Public Policy; (3) REG/AUD. *For BMGT majors only. Not open to students who have completed BMGT 671 and BMGT 680.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06558)** Mulvey, F.
Meets 09/11/99-12/05/99
Time and room to be arranged
Section GS01 meets Saturdays. Specific dates TBA.

0101 **(06559)** Shaffer, B.
MW 3:30pm-4:45pm (VMH 1203)
0201 **(06560)** Windle, R.
MW 9:30am-10:45am (VMH 1203)
0301 **(06561)** Windle, R.
MW 11:00am-12:15pm (VMH 1203)
0401 **(06562)** Shaffer, B.
MW 2:00pm-3:15pm (VMH 1311)

BMGT690 Strategic Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors. Sections 0101-0105 or all Fall sections must be taken concurrently with BMGT 608E. The student must register for BMGT 608E 0101 if taking this course.
0101 **(06572)** Lacugna, J.
MW 3:30pm-4:45pm (VMH 1307)
0201 **(06573)** Lacugna, J.
MW 11:00am-12:15pm (VMH 1307)
0301 **(06574)** Gupta, A.
Tu 9:30am-12:10pm (VMH 1207)
0401 **(06575)** Lacugna, J.
Th 9:30am-12:10pm (VMH 1207)
0501 **(06576)** Gupta, A.
M 7:00pm-9:40pm (VMH 1303)

BMGT698 MBA Field Project: Group Field Projects; (3) REG/AUD. Majors only or permission of department.
0101 **(06586)** Wellman, M.
MTuWTh 8:00am-9:15am (Arranged)
For courses 600 and above, available seats will be available to the following groups of students: Students admitted/graduates of a UMCP masters or Ph.D program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Graduate Business School starting the first day of registration for specific instructions on how to request 600-700 level courses.

BMGT702 Applied Security Analysis and Portfolio Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06634)** Kressler, D.
M 7:00pm-9:40pm (Arranged)
0101 **(06635)** Vandeweghe, M.
TuTh 2:00pm-3:15pm (VMH 1307)
0201 **(06636)** Vandeweghe, M.
TuTh 3:30pm-4:45pm (VMH 1307)

BMGT713 The Impact of Taxation on Business Decisions; (3) REG/AUD. *Prerequisite: BMGT 611.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06646)** Pantalone, V.
W 7:00pm-9:40pm (VMH 1314)

BMGT720 Information Technology and Corporate Transformation; (3) REG/AUD. *Prerequisite: BMGT 620.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06656)** STAFF
Th 7:00pm-9:40pm (Arranged)
0101 **(06657)** STAFF
TuTh 2:00pm-3:15pm (VMH 1207)

BMGT721 File Processing and Database Systems; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06667)** Raschid, L.
Tu 7:00pm-9:40pm (VMH 2203)

BMGT725 Information Systems Analysis and Design; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06677)** Sambamurthy, V.
Th 7:00pm-9:40pm (Arranged)
0101 **(06678)** Sambamurthy, V.
MW 2:00pm-3:15pm (VMH 1207)

BMGT726 Distributed Data Processing; (3) REG/AUD. *Prerequisite: BMGT 620; or BMGT 721.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06688)** Faraj, S.
MW 2:00pm-3:15pm (VMH 2203)

BMGT734 Models for Operations Management; (3) REG/AUD. *Prerequisites: BMGT 630 and BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06698)** Fu, M.
M 4:00pm-6:40pm (VMH 1314)

BMGT735 Application of Management Science; (3) REG/AUD. *Prerequisite: BMGT 631.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06708)** Bodin, L.
TuTh 3:30pm-4:45pm (VMH 1311)

BMGT740 New Venture Financing; (3) REG/AUD. *Prerequisite: BMGT 640 or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06718)** Wolfe, J.
Tu 7:00pm-9:40pm (VMH 1207)
0401 **(06719)** Quackenbush, A.
Th 7:00pm-9:40pm (VMH 1202)

BMGT741 Advanced Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06729)** STAFF
M 7:00pm-9:40pm (Arranged)
0101 **(06730)** STAFF
MW 9:30am-10:45am (VMH 1307)

BMGT742 Financial Valuation and Strategy; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06740)** Dubois, A.
W 7:00pm-9:40pm (Arranged)
0101 **(06741)** Mayer, W.
M 6:30pm-9:10pm (VMH 1206)
0201 **(06742)** Kolodny, R.
Tu 2:00pm-4:40pm (KEY 0102)

BMGT743 Investment Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06752)** Polakoff, M.
M 7:00pm-9:40pm (VMH 1307)

BMGT744 Futures Contracts and Options Management; (3) REG/AUD. *Prerequisites: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06762)** Locke, P.
Th 7:00pm-9:40pm (Arranged)

BMGT746 International Financial Management; (3) REG/AUD. *Prerequisite: BMGT 640.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06772)** Bakshi, G.
Th 7:00pm-9:40pm (VMH 1203)

BMGT752 Marketing Research Methods; (3) REG/AUD. *Prerequisites: BMGT 630; and BMGT 650.*
0101 **(06782)** Kannan, P.
M 7:00pm-9:40pm (VMH 1203)

BMGT753 International Marketing; (3) REG/AUD. *Prerequisite: BMGT 650.* Majors only until first day of classes. Departmental approval required for non majors.
GS01 **(06792)** Greer, T.
Meets 09/11/99-11/06/99
Time and room to be arranged
Section GS01 meets Saturdays: 9/11, 9/25, 10/9, and 10/23.

BMGT757 Marketing Strategy; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06802)** Bichal, G.
TuTh 12:30pm-1:45pm (VMH 1207)

BMGT760 Compensation and Performance Appraisal; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06812)** Bartol, K.
M 7:00pm-9:40pm (VMH 1311)

BMGT764 Executive Power and Negotiation; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06822)** Taylor, M.
Meets 09/01/99-11/20/99
Th 6:30pm-10:00pm (VMH 1407)

BMGT765 Organizational Behavior: A Multicultural Perspective; (3) REG/AUD. *Prerequisite: BMGT 660.*
0101 **(06832)** STAFF
W 7:00pm-9:40pm (VMH 1202)

BMGT767 Implementing Strategy: Organizing to Compete; (3) REG/AUD. *Prerequisite: completion of the MBA core requirements or permission of department. Recommended: BMGT 690.* Majors only

until the first day of classes. Departmental approval required for non majors.
GS01 **(06842)** Reger, R.
Tu 7:00pm-9:40pm (Arranged)
0101 **(06843)** Reger, R.
TuTh 2:00pm-3:15pm (VMH 1311)

BMGT770 Transportation Management; (3) REG/AUD.
Prerequisite: BMGT 672.
0101 **(06853)** STAFF
M 7:00pm-9:40pm (VMH 1314)

BMGT772 Logistics Management; (3) REG/AUD. *For BMGT majors only or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06863)** Evers, P.
Tu 7:00pm-9:40pm (VMH 1203)

BMGT780 New Venture Creation; (3) REG/AUD. *Prerequisite: completion of MBA core requirements or permission of department.* Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06873)** Sherman, A.
M 7:00pm-9:40pm (Arranged)

BMGT782 Corporate Venturing and Intrapreneurship; (3) REG/AUD. *Prerequisite: completion of MBA core or permission of department.*
0101 **(06883)** Mierzwa, T.
Th 7:00pm-9:40pm (VMH 1206)

BMGT794 The Environment of International Business; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
GS01 **(06893)** Morici, P.
Time and room to be arranged

Section GS01 meets Saturdays. Specific dates TBA.

0101 **(06894)** Morici, P.
M 7:00pm-9:40pm (VMH 1207)

BMGT798A Special Topics in Business and Management: Fixed Income Securities; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06904)** Unal, H.
W 6:30pm-9:10pm (VMH 1207)
0201 **(06905)** Unal, H.
MW 2:00pm-3:15pm (VMH 1206)

BMGT798B Special Topics in Business and Management: Product Management; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06915)** Sheinin, D.
W 7:00pm-9:40pm (VMH 1307)

BMGT798C Special Topics in Business and Management: Managing Technology in the Supply Chain; (3) REG/AUD.
0101 **(06925)** STAFF
W 7:00pm-9:40pm (VMH 1203)

BMGT798D Special Topics in Business and Management: Management of Telecommunications Networks; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06935)** Raghavan, S.
M 7:00pm-9:40pm (VMH 1202)

BMGT798E Special Topics in Business and Management: Supply Chain Systems Modeling; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors.
0101 **(06945)** Ball, M.
MW 3:30pm-4:45pm (VMH 2203)

BMGT798F Special Topics in Business and Management: Management of Information Systems Functions; (3) REG/AUD.
GS01 **(06955)** STAFF
Tu 7:00pm-9:40pm (Arranged)

BMGT798G Special Topics in Business and Management: Business Ethics and Society; (3) REG/AUD. Majors only until the first day of classes. Departmental approval required for non majors. Course meets 9/25, 10/09, 10/30, and 11/13.
0101 **(06965)** Loeb, S.
Meets 09/25/99-11/14/99
Time and room to be arranged

Section 0101 meets Saturday. Specific dates TBA.

BMGT798I Special Topics in Business and Management: Electronic Commerce - Business Models and Technology; (3) REG/AUD.
0101 **(06975)** Faraj, S.
W 7:00pm-9:40pm (VMH 2203)

BMGT798M Special Topics in Business and Management: Marketing Analysis for Consulting; (3) REG/AUD. Majors only until first day of classes. Departmental approval required for non majors.
GS01 **(06985)** Balachander, S.
Tu 7:00pm-9:40pm (Arranged)

BMGT798P Special Topics in Business and Management: Investment Fund Management; (3) REG/AUD.
0101 **(06995)** Vandeweghe, M.
Tu 12:00pm-1:30pm (VMH 4439)

BMGT798S Special Topics in Business and Management: Marketing of Services; (3) REG/AUD.
0101 **(07005)** Bolton, R.
Th 7:00pm-9:40pm (VMH 1307)

BMGT798T Special Topics in Business and Management: Management of Technology Fundamentals; (3) REG/AUD.
0101 **(07015)** STAFF
Tu 7:00pm-9:40pm (VMH 1202)

BMGT798U Special Topics in Business and Management: Data Mining; (3) REG/AUD.
0101 **(07025)** Raschid, L.
M 7:00pm-9:40pm (VMH 2203)

BMGT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only until the first day of classes. Restricted to graduate business majors.

BMGT808C Doctoral Seminar: Empirical Finance; (3) REG/AUD.
0101 **(07113)** Phillips, G.
Tu 2:00pm-4:40pm (VMH 4333)

BMGT808E Doctoral Seminar: Industrial Organization; (3) REG/AUD.
0101 **(07123)** Grimm, C.
Tu 2:00pm-4:40pm (VMH 3441)

BMGT808F Doctoral Seminar: Seminar in Strategy; (3) REG/AUD.
0101 **(07133)** Smith, K.
M 4:00pm-6:40pm (VMH 3327)

BMGT808G Doctoral Seminar: Marketing Strategy; (3) REG/AUD.
0101 **(07143)** Shankar, V.
F 1:00pm-3:40pm (VMH 3441)

BMGT808I Doctoral Seminar: Information Systems; (3) REG/AUD.
0101 **(07153)** Sambamurthy, V.
W 1:00pm-3:40pm (VMH 4333)

BMGT811 Seminar in Financial Accounting; (3) REG/AUD.
Prerequisite: BMGT 710 or equivalent.
0101 **(07163)** Park, T.
Tu 4:00pm-6:40pm (TYD 0102)

BMGT828 Independent Study in Business and Management; (1-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Masters Program Director.

BMGT830 Operations Research: Linear Programming; (3) REG/AUD. *Prerequisites: MATH 240 or equivalent; or permission of department.*
0101 **(07256)** Gass, S.
MW 11:00am-12:15pm (VMH 1311)

BMGT840 ***(PermReq)*** **Seminar in Financial Theory; (3)** REG/AUD.
Prerequisite: permission of department.
0101 **(07266)** Ju, N.
W 2:00pm-4:40pm (VMH 4439)

BMGT861 Seminar in Performance Appraisal and Training; (3) REG/AUD. *Prerequisite: BMGT 660 or permission of department.*
0101 **(07276)** Taylor, M.
M 10:00am-12:40pm (VMH 3327)

BMGT863 Work Morale and Motivation; (3) REG/AUD.
Prerequisite: BMGT 660 or equivalent.
0101 **(07286)** Locke, E.
Tu 1:00pm-3:40pm (VMH 3327)

BMGT880 Business Research Methodology; (3) REG/AUD.
0101 **(07296)** Olian, J.
W 10:00am-12:40pm (VMH 3327)

BMGT882 Applied Multivariate Analysis I; (3) REG/AUD.
Prerequisite: BMGT 733 or equivalent.
0101 **(07306)** Alt, F.
TBA (VMH 3327)

BMGT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

BSCI Biological Sciences Program
(Life Sciences)

All Undergraduate Courses in the Biological Sciences have been reorganized and are now provided in a single course listing, BSCI. Undergraduate courses formerly listed as Biology (BIOL), Entomology (ENTM), Microbiology (MICB), Plant Biology (PBIO) and Zoology (ZOOL) have been integrated into this listing. For more information about the renumbering of courses, please consult the College of Life Sciences web site (http://www.life.umd.edu).

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The sponsoring department for each course is provided in the course listing. Consult the sponsoring department if you have questions about an individual course (sponsoring departments BIOL - Department of Biology, 2227 Biol-Psyc Building; BSCI - Biological Sciences Program, 1213 Symons Hall; CBMG - Department of Cell Biology and Molecular Genetics, 1219 H.J. Patterson Building, ENTM - Entomology, 4112 PLS Building).

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The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to consult the instructor prior to course enrollment to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

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The College of Life Sciences enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

BSCI103 The World of Biology; (4) REG. CORE: LL *Formerly: BIOL 101 and BIOL 102.* (Sponsoring Dept.: BSCI). For non-science majors general-education credit. Students must pay a $40 lab fee for materials.
1001 **(07497)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
M 9:00am-11:50am (HJP 2103) Lab
1005 **(07498)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
M 1:00pm-3:50pm (HJP 2103) Lab
1007 **(07499)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
M 4:00pm-6:50pm (HJP 2103) Lab
2001 **(07500)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
Tu 9:00am-11:50am (HJP 2103) Lab
2005 **(07501)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
Tu 12:00pm-2:50pm (HJP 2103) Lab
2007 **(07502)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
Tu 3:00pm-5:50pm (HJP 2103) Lab
3001 **(07503)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
W 9:00am-11:50am (HJP 2103) Lab
3005 **(07504)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
W 1:00pm-3:50pm (HJP 2103) Lab
3007 **(07505)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
W 4:00pm-6:50pm (HJP 2103) Lab
4001 **(07506)** Presson, J.
MWF 12:00pm-12:50pm (HJP 0226)
Th 9:00am-11:50am (HJP 2103) Lab

BSCI105 Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BSCI 103/BIOL 101 or BSCI 105/BIOL 105. Formerly BIOL 105.* (Sponsoring Dept.: BSCI). Students must pay a $40.00 Laboratory Materials fee. The 9AM lecture section will be team taught by Dr. Arther Popper and Dr. William Jeffery.
5114 **(07518)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
M 11:00am-1:50pm (HJP 1226) Lab
5116 **(07519)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
M 2:00pm-4:50pm (HJP 1226) Lab
5122 **(07520)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Tu 8:00am-10:50am (HJP 1226) Lab
5124 **(07521)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Tu 11:00am-1:50pm (HJP 1226) Lab
5133 **(07522)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
W 11:00am-1:50pm (HJP 1235) Lab
5134 **(07523)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
W 11:00am-1:50pm (HJP 1226) Lab
5135 **(07524)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
W 2:00pm-4:50pm (HJP 1236) Lab
5136 **(07525)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
W 2:00pm-4:50pm (HJP 1226) Lab
5142 **(07526)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Th 8:00am-10:50am (HJP 1226) Lab
5143 **(07527)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Th 11:00am-1:50pm (HJP 1236) Lab
5144 **(07528)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Th 11:00am-1:50pm (HJP 1226) Lab
5146 **(07529)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Th 2:00pm-4:50pm (HJP 1226) Lab
5154 **(07530)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
F 11:00am-1:50pm (HJP 1226) Lab
5215 **(07531)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
M 2:00pm-4:50pm (HJP 2104) Lab
5216 **(07532)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
M 2:00pm-4:50pm (HJP 1235) Lab
5224 **(07533)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Tu 11:00am-1:50pm (HJP 1235) Lab
5226 **(07534)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Tu 2:00pm-4:50pm (HJP 1235) Lab
5231 **(07535)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
W 8:00am-10:50am (HJP 1236) Lab
5232 **(07536)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
W 8:00am-10:50am (HJP 1235) Lab
5235 **(07537)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
W 2:00pm-4:50pm (HJP 2104) Lab
5236 **(07538)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
W 2:00pm-4:50pm (HJP 1235) Lab
5242 **(07539)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Th 8:00am-10:50am (HJP 1235) Lab
5244 **(07540)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Th 11:00am-1:50pm (HJP 1235) Lab
5246 **(07541)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Th 2:00pm-4:50pm (HJP 1235) Lab
5252 **(07542)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
F 8:00am-10:50am (HJP 1235) Lab
5314 **(07543)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
M 11:00am-1:50pm (HJP 2104) Lab
5322 **(07544)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Tu 8:00am-10:50am (HJP 2104) Lab
5324 **(07545)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Tu 11:00am-1:50pm (HJP 2104) Lab
5331 **(07546)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
W 8:00am-10:50am (HJP 1226) Lab
5332 **(07547)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
W 8:00am-10:50am (HJP 2104) Lab
5333 **(07548)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
W 11:00am-1:50pm (HJP 1236) Lab
5334 **(07549)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
W 11:00am-1:50pm (HJP 2104) Lab
5342 **(07550)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Th 8:00am-10:50am (HJP 2104) Lab
5344 **(07551)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Th 11:00am-1:50pm (HJP 2104) Lab
5346 **(07552)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Th 2:00pm-4:50pm (HJP 2104) Lab
5351 **(07553)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
F 8:00am-10:50am (HJP 1226) Lab
5352 **(07554)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
F 8:00am-10:50am (HJP 2104) Lab
8101 **(*****)** Gross, P.
Th 6:00pm-9:00pm (HJP 2242)
Th 6:00pm-9:00pm (HJP 1235) Lab

This section is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941

8102 **(*****)** Gross, P.
Th 6:00pm-9:00pm (HJP 2242)
Th 6:00pm-9:00pm (HJP 1236) Lab

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BSCI105+ Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BSCI 103/BIOL 101 or BSCI 105/BIOL 105. Formerly BIOL 105.*
5115 **(07567)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
M 11:00am-1:50pm (HJP 1235) Lab
5126 **(07568)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Tu 2:00pm-4:50pm (HJP 1226) Lab
5141 **(07569)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Th 8:00am-10:50am (HJP 1236) Lab
5222 **(07570)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Tu 8:00am-10:50am (HJP 1235) Lab
5251 **(07571)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
F 8:00am-10:50am (HJP 1236) Lab
5326 **(07572)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Tu 2:00pm-4:50pm (HJP 2104) Lab
5345 **(07573)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
Th 2:00pm-4:50pm (HJP 1236) Lab

BSCI105H Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BSCI 103/BIOL 101 or BSCI 105/BIOL 105. Formerly BIOL 105.* (Sponsoring Dept.: BSCI). Students must pay a $40.00 Laboratory Materials fee.
5123 **(07583)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Tu 11:00am-1:50pm (HJP 1236) Lab
5125 **(07584)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
Tu 2:00pm-4:50pm (HJP 1236) Lab
5217 **(07585)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
M 2:00pm-4:50pm (HJP 1236) Lab
5221 **(07586)** Hutcheson, S.
MWF 1:00pm-1:50pm (BPS 1240)
Tu 8:00am-10:50am (HJP 1236) Lab
5315 **(07587)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
M 11:00am-1:50pm (HJP 1236) Lab

BSCI105M Principles of Biology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: placement in MATH 110 or higher. For science majors. Credit will be granted for only one of the following: BSCI 103/BIOL 101 or BSCI 105/BIOL 105. Formerly BIOL 105.* Prerequisite: BIOL 105/BSCI 105 taken within twelve months of the semester in which BIOL 105M/BSCI 105M is taken. A student is eligible to take this course only if the lab scores received in BIOL 105/BSCI 105 the last time it was taken, totalled at least 80 percent of the maximum possible total. These scores will count for part of the grade in BSCI 105M.(Sponsoring Dept.: BSCI).
5121 **(07597)** Jeffery, W.
MWF 1:00pm-1:50pm (BPS 1240)
5233 **(07598)** Popper, A.
MWF 9:00am-9:50am (BPS 1240)
5320 **(07599)** Racusen, R.
MWF 2:00pm-2:50pm (BPS 1240)
8104 **(*****)** Gross, P.
Tu 6:00pm-9:00pm (HJP 2242)

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BSCI106 Principles of Biology II; (4) REG/P-F/AUD. CORE: LL *Prerequisite: MATH 110 placement. For science majors. Formerly BIOL 106.* (Sponsoring Dept.: BSCI). Students must pay a $40.00 Laboratory Materials fee.
6116 **(07610)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
M 12:00pm-2:50pm (BPS 0245) Lab
6119 **(07611)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
M 3:00pm-5:50pm (BPS 0245) Lab
6121 **(07612)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Tu 8:00am-10:50am (BPS 0245) Lab
6123 **(07613)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Tu 11:00am-1:50pm (BPS 0249) Lab
6124 **(07614)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Tu 11:00am-1:50pm (BPS 0245) Lab
6126 **(07615)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Tu 2:00pm-4:50pm (BPS 0249) Lab
6127 **(07616)** Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Tu 2:00pm-4:50pm (BPS 0245) Lab
6131 **(07617)** Forseth, I.

MWF 11:00am-11:50am (BPS 1240)
W 8:00am-10:50am (BPS 0245) Lab
6132 (07618) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
W 8:00am-10:50am (BPS 0249) Lab
6136 (07619) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
W 12:00pm-2:50pm (BPS 0245) Lab
6139 (07620) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
W 3:00pm-5:50pm (BPS 0245) Lab
6141 (07621) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Th 8:00am-10:50am (BPS 0245) Lab
6144 (07622) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Th 11:00am-1:50pm (BPS 0245) Lab
6147 (07623) Forseth, I.
MWF 11:00am-11:50am (BPS 1240)
Th 2:00pm-4:50pm (BPS 0245) Lab
8101 (*****) STAFF
Tu 6:00pm-9:00pm (BPS 1238)
Th 6:00pm-9:00pm (BPS 0245) Lab

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BSCI120 Insects; (3) REG/P-F/AUD. *Formerly ENTM 100.* (Sponsoring Dept.: ENTM).
0101 (07634) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
M 1:00pm-1:50pm (PLS 1115) Dis
0102 (07635) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
M 2:00pm-2:50pm (PLS 1184) Dis
0103 (07636) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
M 3:00pm-3:50pm (PLS 1115) Dis
0104 (07637) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
Tu 3:00pm-3:50pm (PHY 1221) Dis
0105 (07638) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
W 1:00pm-1:50pm (BPS 1234) Dis
0106 (07639) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
W 2:00pm-2:50pm (PLS 1113) Dis
0107 (07640) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
W 3:00pm-3:50pm (PLS 1180) Dis
0108 (07641) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
Th 3:00pm-3:50pm (PLS 1176) Dis
0109 (07642) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
F 1:00pm-1:50pm (PLS 1115) Dis
0110 (07643) Hellman, J.
TuTh 2:00pm-2:50pm (PHY 1412)
F 2:00pm-2:50pm (PLS 1184) Dis

BSCI121 Beekeeping; (2) REG/P-F/AUD. *Formerly ENTM 111.* (Sponsoring Dept.: ENTM).
0101 (07653) Hellman, J.
TuTh 8:00am-9:00am (PLS 1184)

BSCI124 Plant Biology for Non-Science Students; (3) REG/P-F/AUD. *For non-science majors only. Not open to students who have completed BSCI 105/BIOL 105. Formerly PBIO 100.* CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI125. (Sponsoring Dept.: CBMG).
2001 (07663) Bean, G.
TuTh 11:00am-12:15pm (HJP 0226)

BSCI125 Laboratory in Plant Biology; (1) REG/P-F/AUD. *Pre- or corequisite: BSCI 124. For non-science majors only. Formerly PBIO 101.* CORE Life Sciences Lab (LL) Course only when taken concurrently with BSCI 124. (Sponsoring Dept.: CBMG). Students must pay a $40.00 Laboratory Materials fee.
1102 (07674) STAFF
M 12:00pm-3:00pm (HJP 3104) Lab
1103 (07675) STAFF
M 12:00pm-3:00pm (HJP 3127) Lab
1105 (07677) STAFF
M 3:00pm-6:00pm (HJP 3127) Lab
1108 (07678) STAFF
Tu 12:30pm-3:30pm (HJP 3104) Lab
1110 (07679) STAFF
Tu 3:30pm-6:30pm (HJP 3104) Lab
1113 (07680) STAFF
W 12:00pm-3:00pm (HJP 3104) Lab
1114 (07681) STAFF
W 12:00pm-3:00pm (HJP 3127) Lab
1115 (07682) STAFF
W 3:00pm-6:00pm (HJP 3104) Lab
1118 (07683) STAFF
Th 12:30pm-3:30pm (HJP 3104) Lab
1122 (07684) STAFF
F 9:00am-12:00pm (HJP 3104) Lab

BSCI201 Human Anatomy and Physiology I; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BSCI 105 or equivalent. Formerly ZOOL 201.* Not acceptable for credit in any Biological Sciences major. (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 (07694) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
M 9:00am-12:00pm (BPS 0205) Lab
0102 (07695) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
M 1:00pm-4:00pm (BPS 0205) Lab
0103 (07696) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
M 4:00pm-7:00pm (BPS 0205) Lab
0104 (07697) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
Tu 8:00am-11:00am (BPS 0205) Lab
0105 (07698) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
Tu 11:00am-2:00pm (BPS 0205) Lab
0106 (07699) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
Tu 2:00pm-5:00pm (BPS 0205) Lab
0107 (07700) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
W 9:00am-12:00pm (BPS 0205) Lab
0108 (07701) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
W 1:00pm-4:00pm (BPS 0205) Lab
0109 (07702) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
W 4:00pm-7:00pm (BPS 0205) Lab
0110 (07703) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
Th 11:00am-2:00pm (BPS 0205) Lab
0111 (07704) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
Th 2:00pm-5:00pm (BPS 0205) Lab
0112 (07705) Opoku-Edusei, J.
MWF 12:00pm-12:50pm (BPS 1240)
F 9:00am-12:00pm (BPS 0205) Lab
8101 (*****) STAFF
TuTh 6:00pm-7:15pm (BPS 1243)
Tu 7:30pm-10:30pm (BPS 0205) Lab

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8102 (*****) STAFF
TuTh 6:00pm-7:15pm (BPS 1243)
Th 7:30pm-10:30pm (BPS 0205) Lab

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BSCI205 Environmental Science; (3) REG/P-F/AUD. CORE: LS *Formerly PBIO 235.* (Sponsoring Dept.: BIOL).
0101 (07717) Koines, P.
MW 11:00am-11:50am (BPS 1250)
F 9:00am-9:50am (PLS 1158) Dis
0102 (07718) Koines, P.
MW 11:00am-11:50am (BPS 1250)
F 10:00am-10:50am (PLS 1158) Dis
0103 (07719) Koines, P.
MW 11:00am-11:50am (BPS 1250)
F 11:00am-11:50am (PLS 1158) Dis
0104 (07720) Koines, P.
MW 11:00am-11:50am (BPS 1250)
Th 9:00am-9:50am (PLS 1184) Dis
0105 (07721) Koines, P.
MW 11:00am-11:50am (BPS 1250)
Th 10:00am-10:50am (PLS 1184) Dis
0106 (07722) Koines, P.
MW 11:00am-11:50am (BPS 1250)
Th 11:00am-11:50am (PLS 1184) Dis

BSCI222 Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BSCI 105, one year college chemistry. Credit will be granted for only one of the following: BSCI 222/BIOL 222 or HORT 274. Formerly BIOL 222.* (Sponsoring Dept.: BSCI).
2111 (07732) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
M 4:00pm-5:50pm (PLS 1164) Dis
2121 (07733) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
Tu 8:00am-9:50am (PLS 1164) Dis
2122 (07734) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
Tu 10:00am-11:50am (PLS 1164) Dis
2123 (07735) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
Tu 12:00pm-1:50pm (PLS 1164) Dis
2125 (07736) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
Tu 2:00pm-3:50pm (PLS 1164) Dis
2131 (07737) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
W 8:00am-9:50am (PLS 1164) Dis
2132 (07738) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
W 10:00am-11:50am (PLS 1164) Dis
2133 (07739) Bottino, P.
MWF 3:00pm-3:50pm (BPS 1240)
W 1:00pm-2:50pm (PLS 1164) Dis
2201 (07740) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 10:00am-11:50am (PLS 1168) Dis
2211 (07741) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 12:00pm-1:50pm (PLS 1158) Dis
2221 (07742) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 2:00pm-3:50pm (PLS 1176) Dis
2231 (07743) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
F 9:00am-10:50am (PLS 1164) Dis
2241 (07744) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
F 11:00am-12:50pm (PLS 1164) Dis
2251 (07745) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 10:00am-11:50am (PLS 1162) Dis
2261 (07746) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 12:00pm-1:50pm (PLS 1168) Dis
2271 (07747) Benson, S.
TuTh 8:00am-9:15am (HJP 0226)
Tu 2:00pm-3:50pm (PLS 1168) Dis

BSCI222H Principles of Genetics; (4) REG/P-F/AUD. *Prerequisites: BSCI 105, one year college chemistry. Credit will be granted for only one of the following: BSCI 222/BIOL 222 or HORT 274. Formerly BIOL 222.* For general honors students only. (Sponsoring Dept.: BSCI).
2301 (07757) Chang, C.
TuTh 3:00pm-4:15pm (HJP 2242)
M 3:00pm-4:50pm (HJP 2226) Dis
2311 (07758) Chang, C.
TuTh 3:00pm-4:15pm (HJP 2242)
Tu 11:00am-12:50pm (HJP 2226) Dis

BSCI223 General Microbiology; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BSCI 105. Credit will be granted for only one of the following: BSCI 122 or BSCI 223. Formerly MICB 200.* Required for all MICB majors. (Sponsoring Dept.: CBMG). Students must pay a $40.00 Laboratory Materials fee.
1101 (07797) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
MW 9:00am-10:50am (MCB 1201) Lab
1106 (07793) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
MW 9:00am-10:50am (MCB 1206) Lab
1221 (07798) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
TuTh 12:00pm-1:50pm (MCB 1201) Lab
1225 (07799) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
TuTh 12:00pm-1:50pm (MCB 1205) Lab
1301 (07794) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
MW 2:00pm-3:50pm (MCB 1201) Lab
1306 (07775) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
MW 2:00pm-3:50pm (MCB 1206) Lab
1321 (07800) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
TuTh 2:00pm-3:50pm (MCB 1201) Lab
1326 (07777) Stewart, R.
TuTh 9:00am-9:50am (BPS 1240)
TuTh 2:00pm-3:50pm (MCB 1206) Lab
2105 (07801) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
MW 9:00am-10:50am (MCB 1205) Lab
2121 (07783) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
TuTh 9:00am-10:50am (MCB 1201) Lab
2125 (07796) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
TuTh 9:00am-10:50am (MCB 1205) Lab
2126 (07795) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
TuTh 9:00am-10:50am (MCB 1206) Lab
2201 (53408) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
MW 12:00pm-1:50pm (MCB 1201) Lab
2226 (53409) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
TuTh 12:00pm-1:50pm (MCB 1206) Lab
2305 (53410) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
MW 2:00pm-3:50pm (MCB 1205) Lab
2325 (53411) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
TuTh 2:00pm-3:50pm (MCB 1205) Lab
8101 (*****) Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1201) Lab

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8102 (*****) Sandlin, R.
TuTh 6:00pm-6:50pm (MCB 1207)
TuTh 7:00pm-9:00pm (MCB 1205) Lab

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BSCI223H General Microbiology; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BSCI 105. Credit will be granted for only one of the following: BSCI 122 or BSCI 223. Formerly MICB 200.* For general honors students only.(Sponsoring Dept.: CBMG). Students must pay a $40.00 Laboratory Materials fee.
0101 (07802) Yuan, R.
TuTh 11:00am-11:50am (BPS 1240)
MW 12:00pm-1:50pm (MCB 1103A) Lab

BSCI224 Animal Diversity; (4) REG/P-F/AUD. CORE: LL *Prerequisite: BSCI 106. Formerly ZOOL 210.* (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 (07812) Jensen, J.
TuTh 9:30am-10:45am (BPS 1250)
M 11:00am-2:00pm (BPS 0257) Lab
0102 (07813) Jensen, J.
TuTh 9:30am-10:45am (BPS 1250)
M 2:00pm-5:00pm (BPS 0257) Lab
0103 (07814) Jensen, J.
TuTh 9:30am-10:45am (BPS 1250)
Tu 11:00am-2:00pm (BPS 0257) Lab
0104 (07815) Jensen, J.
TuTh 9:30am-10:45am (BPS 1250)
Tu 2:00pm-5:00pm (BPS 0257) Lab

BSCI225 Introductory Plant Biology; (4) REG/P-F/AUD. *Prerequisite: BSCI 105 or HORT 100 or permission of department. Formerly PBIO 200.* Course is taught in the Fall semester only. (Sponsoring Dept.: CBMG). Students must pay a $40.00 Laboratory Materials fee.
0101 (07825) Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
W 1:00pm-4:00pm (HJP 2226) Lab
0102 (07826) Cooke, T.
MWF 11:00am-11:50am (HJP 1229)
Th 1:00pm-4:00pm (HJP 2226) Lab

BSCI227 Principles of Entomology; (4) REG/P-F/AUD. CORE: LL *Formerly ENTM 205.* (Sponsoring Dept.: ENTM). Students must pay a $40.00 Laboratory Materials fee.
0101 (07836) Raupp, M.
TuTh 9:30am-10:45am (PLS 1130)
Tu 11:00am-1:00pm (PLS 1161) Lab
0102 (07837) Raupp, M.
TuTh 9:30am-10:45am (PLS 1130)
Th 11:00am-1:00pm (PLS 1161) Lab

BSCI230 Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BSCI 105; and CHEM 103. Formerly ZOOL 211.* (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 (07847) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
M 11:00am-2:00pm (BPS 0207) Lab
0102 (07848) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
M 2:00pm-5:00pm (BPS 0207) Lab
0103 (07849) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
M 6:00pm-9:00pm (BPS 0207) Lab
0104 (07850) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Tu 9:30am-12:30pm (BPS 0207) Lab
0105 (07851) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Tu 2:00pm-5:00pm (BPS 0207) Lab
0106 (07852) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Tu 6:00pm-9:00pm (BPS 0207) Lab
0107 (07853) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
W 11:00am-2:00pm (BPS 0207) Lab
0108 (07854) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
W 2:00pm-5:00pm (BPS 0207) Lab
0109 (07855) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
W 6:00pm-9:00pm (BPS 0207) Lab
0110 (07856) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Th 9:30am-12:30pm (BPS 0207) Lab
0111 (07857) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Th 2:00pm-5:00pm (BPS 0207) Lab
0112 (07858) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
Th 6:00pm-9:00pm (BPS 0207) Lab
0113 (07859) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)
F 11:00am-2:00pm (BPS 0207) Lab
8101 (*****) STAFF
TuTh 6:00pm-7:15pm (BPS 1232)
Tu 7:30pm-10:30pm (BPS 0213) Lab

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8102 (*****) STAFF
TuTh 6:00pm-7:15pm (BPS 1232)
Th 7:30pm-10:30pm (BPS 0213) Lab

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BSCI230M *(PermReq)* Cell Biology and Physiology; (4) REG/P-F/AUD. *Prerequisites: BSCI 105; and CHEM 103. Formerly ZOOL 211.* Prerequisite: BSCI 230/ZOOL 211 taken within 12 months prior to the semester in which BSCI 230M is taken. A student is eligible to take this course only if the total lab score received in BSCI 230/ZOOL 211 the last time it was taken was at least 80% of the total points possible. These scores will count as part of the grade in BSCI 230M. (Sponsoring Dept.: BIOL).
0101 (07871) Davenport, R.
MWF 10:00am-10:50am (BPS 1240)

BSCI258 College Park Scholars Internship; (1-3) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences. Must be approved by the director.
8005 (07881) Hellman, J.
Time and room to be arranged
8006 (07882) Dudash, M.
Time and room to be arranged
8007 (07883) Wilkinson, G.
Time and room to be arranged
8008 (07884) Benson, S.
Time and room to be arranged
8009 (07885) Brauth, S.
Time and room to be arranged
8010 (07886) Eichhorn, B.
Time and room to be arranged

BSCI279 *(PermReq)* Supplemental Study: Supplemental Study in Biology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. (Sponsoring Dept.: BIOL).

BSCI279A Supplemental Study: Deep Sea Sharks & Sea Monsters; (1) REG/P-F/AUD. This course does not apply towards the major requirements of any Biological Sciences major. (Sponsoring Dept.: BIOL).
0101 (07938) Clark, E.
W 2:00pm-3:00pm (PLS 1140)

BSCI288 Internship; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

BSCI289 Off-Campus Internship; (1-3) S-F. This course provides

credit for off-campus research internships. This credit counts as elective toward graduation, but does not satisfy any Biological Sciences degree requirements (Information about research credit that does count toward Biological Sciences contact the Biological Sciences Program, room 1213 Symons Hall) The off-campus internship credit requires that a contract form be filed with the Science Outreach Office, Room 0216 Symons Hall, prior to the intership. The contract must be finalized and signed by the research supervisor at the end of the semester before credit will be awarded.
1110 **(07949)** STAFF
Time and room to be arranged

BSCI329 *(PermReq)* **Instructional Assistance Practicum; (1-2)** REG/P-F. Permission of department only. Credit cannot be applied to the requirements of any Biological Sciences Major. (Sponsoring Dept.: BIOL).
1070 **(07959)** Compton, R.
Time and room to be arranged

BSCI338E Special Topics in Biology: Human Evolution; (4) REG/P-F/AUD. Prerequisite: ANTH220 or permission of the instructor. Applies to Biological Sciences Specialization Areas: BEES, ZOOL. (Sponsoring Department: BSCI).
0101 **(07969)** Jackson, F.
Tu 8:00am-10:45am (WDS 1130)
W 10:00am-1:00pm (WDS 0124D) Lab

BSCI338L Special Topics in Biology: Developmental Biology Laboratory; (1) REG. Formerly ZOOL 328L.Pre or co/requisite: ZOOL 430/BSCI 430. Students will be required to spend additional time in the laboratory on Friday of each week for follow-up to course experiments. Applies to Biological Sciences Specialization Areas: PHNB (ancillary), ZOOL, CMBG, BGEN and GENB (category 1). (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(07979)** Rivas, R.
Th 1:00pm-5:00pm (PLS 1171) Lab

BSCI338W Special Topics in Biology: Biology of Extinct Animals Laboratory; (2) REG/P-F/AUD. Formerly ZOOL 328W. Pre or co/requisite: ZOOL 396/BSCI 392. Applies to Biological Science Specialization Areas: ZOOL, EEBB, BEES, MARB, BGEN and GENB (category 2). (Sponsoring Dept.: BIOL). Students must pay a $40.00 laboratory materials fee.
0101 **(07989)** Kent, B.
W 2:00pm-5:00pm (BPS 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis
0102 **(07990)** Kent, B.
Th 2:00pm-5:00pm (BPS 0257) Lab
W 10:00am-10:50am (PLS 1117) Dis

BSCI338Z Special Topics in Biology: Field Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. (Sponsoring Dept.: BIOL).

BSCI342 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BSCI 105 or permission of department. Also offered as WMST 326. Credit will be granted for only one of the following: BSCI 342 or WMST 326. Formerly ZOOL 326.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN (non-lab), and GENB(Category 1). (Sponsoring Dept.: BIOL).
0101 **(08001)** Carter-Porges, C.
MW 2:00pm-3:15pm (BPS 1250)

BSCI348 *(PermReq)* **Special Topics in Cell Biology and Molecular Genetics; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. May be repeated but only 3 credits may be applied to major requirements. (Sponsoring Dept.: CBMG).

BSCI348R *(PermReq)* **Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4)** REG/P-F/AUD. Permission of instructor required. Formerly MICB 388R.Up to three credits are acceptable toward the MICB Specialization Area. (Sponsoring Dept.: CBMG)
0101 **(08040)** Song, W.
Time and room to be arranged

BSCI348S Special Topics in Cell Biology and Molecular Genetics: Bioinformatics in Genomics and Evolution; (3) REG/P-F/AUD. Sponsoring Dept.: CBMG. Biological Sciences Specializtion Applicability information not available at publication, contact CBMG Department for information.
0101 **(08050)** Delwiche, C.
MWF 10:00am-10:50am (HJP 1229)

BSCI360 Principles of Animal Behavior; (3) REG/P-F/AUD. *Prerequisites: BSCI 105 and BSCI 106 and BSCI 222. Formerly ZOOL 360.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, EEBB, MARB, BGEN, BEES, and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08060)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 9:00am-9:50am (PLS 1168) Dis
0102 **(08061)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 10:00am-10:50am (PLS 1168) Dis
0103 **(08062)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1168) Dis
0104 **(08063)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
F 11:00am-11:50am (PLS 1172) Dis

BSCI362 Ecology of Marsh and Dune Vegetation; (2) REG/P-F/AUD. *Prerequisite: BSCI 106. Formerly PBIO 455.* Applies to Biological Sciences Specialization Areas: MARB, BEES, EEBB, PLNT, BGEN, and GENB (Category 2).This course requires one Saturday field trip on a date TBA in class.(Sponsoring Dept.: BIOL).
0101 **(08073)** Koines, P.
TuTh 10:00am-10:50am (HJP 2242)

BSCI365 International Pesticide Problems and Solutions; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: (BSCI 103/BIOL 101 and 102) or (BSCI 124/PBIO 100 and BSCI 125/PBIO 101) or (BSCI 105/BIOL 105). Formerly ENTM 303.* Acceptable towards Biological Sciences Specialization Areas: BEES, ENTM, BGEN and GENB (Category 2). (Sponsoring Dept.: ENTM).
0101 **(08083)** Bottrell, D.
MWF 9:00am-9:50am (PLS 1111)

BSCI366 Biodiversity Issues in Conservation Management; (3) REG/P-F/AUD. *Prerequisite: BSCI 224 or BSCI 225 or BSCI 227 or permission of department. Formerly ENTM 313.* Acceptable toward Biological Sciences Specialization Areas: BEES, ENTM, BGEN and GENB (Category 2). (Sponsoring Dept.: ENTM).
0101 **(08093)** Bottrell, D.
MWF 11:00am-11:50am (PLS 1117)

BSCI370 Principles of Evolution; (3) REG/P-F/AUD. *Prerequisite: BSCI 106/BIOL 106. Formerly ZOOL 328Q.* Applies to Biological Sciences Specialization Areas: MARB, BEES, EEBB, ZOOL, BGEN, and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08103)** Mueller, U.
TuTh 11:00am-12:15pm (PLS 1140)

BSCI373 Natural History of the Chesapeake Bay; (3) REG/P-F/AUD. *Prerequisite: a course in biological sciences or permission of department. Formerly ZOOL 381.* Acceptable toward Biological Sciences specialization areas:ZOOL, EEBB, MARB, BGEN (non-lab), BEES and GENB(Category 2). (Sponsoring Dept.:BIOL).
0101 **(08113)** Small, E.
MWF 12:00pm-12:50pm (BPS 1250)

BSCI374 Chesapeake Bay Laboratory; (2) REG/P-F/AUD. *One hour of lecture, two hours of laboratory, and eight hours of fieldwork per week. Pre- or corequisite: BSCI 373. Formerly ZOOL 382.* Acceptable toward Biological Science specialization areas: ZOOL, EEBB, MARB, BGEN, BEES, andGENB (Category 2). Saturday field trips to be arranged.Students must provide their own transportation. (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08123)** Small, E.
TuTh 1:00pm-4:00pm (BPS 0283) Lab

BSCI378H Cell Biology and Molecular Genetics Department Honors Seminar; (1) REG. *Repeatable to 6 credits. Formerly MICB 388H.* Required for all students in departmental honors. (Sponsoring Dept.: CB MG).
0101 **(08133)** Straney, D.
Tu 4:00pm-5:00pm (MCB 1121)
0102 **(08134)** Gantt, E.
F 1:00pm-2:00pm (MCB 2119)

BSCI379 Cell Biology and Molecular Genetics Department Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly MICB 399G/MICB 399M. (Sponsoring Dept.: CBMG).

BSCI379H *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Honors Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: BSCI 378H. Formerly MICB 379.Only open to CBMG departmental honors students. (Sponsoring Dept.: CBMG).

BSCI389 *(PermReq)* **Entomology Department Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ENTM 399. (Sponsoring Dept.: ENTM).

BSCI389H *(PermReq)* **Entomology Department Research: Honors Research; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. (Sponsoring Dept.: ENTM).

BSCI392 Biology of Extinct Animals; (3) REG/P-F/AUD. *Prerequisites: BSCI 106/BIOL 106 and BSCI 224/ZOOL 210. Formerly ZOOL 396.* Applies to Biological Sciences Specialization areas: ZOOL, EEBB, BEES, MARB, BGEN and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08250)** Kent, B.
MWF 8:00am-8:50am (PLS 1140)

BSCI398H *(PermReq)* **Biology Department Honors Seminar; (1)** REG/P-F/AUD.
1000 **(08260)** Dudash, M.
Tu 3:30pm-4:30pm (HJP 1229)

BSCI399 *(PermReq)* **Biology Department Research: Biology Department Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ZOOL 319. (Sponsoring Dept.: BIOL).

BSCI399H *(PermReq)* **Biology Department Research: Honors Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ZOOL 318h. (Sponsoring Dept.: BIOL).

BSCI410 Molecular Genetics; (3) REG/P-F/AUD. *Prerequisites: a course in genetics (e.g. BSCI 222/BIOL 222) and CHEM 233. Formerly ZOOL 446.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB (Category 1) and CMBG. (Sponsoring Dept.: BIOL).
0101 **(08355)** Imberski, R.
TuTh 11:00am-12:15pm (BPS 1250)

BSCI413 Recombinant DNA; (3) REG/P-F/AUD. *Prerequisites: (BSCI 230 or BSCI 223) and BSCI 222. Formerly ZOOL 452.* Acceptable toward Biological Sciences areas: PHNB, CMBG, ZOOL, MICB, BGEN and GENB (Category 1). (Sponsoring Dept.: BIOL).
0101 **(08365)** Tanda, S.
TuTh 9:30am-10:45am (PLS 1140)

BSCI414 Recombinant DNA Laboratory; (3) REG/P-F/AUD. *Prerequisite: BSCI 222/BIOL 222. Formerly MICB 453.* Acceptable toward Biological Sciences Specialization Areas: CMBG, MICB, PHNB, BGEN and GENB (Category 2). (Sponsoring Dept.: CBMG).
0101 **(08375)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207)
TuTh 12:30pm-4:30pm (MCB 1143) Lab
0102 **(08376)** Gdovin, S.
TuTh 12:30pm-4:30pm (MCB 1207)
TuTh 12:30pm-4:30pm (MCB 1135) Lab

BSCI420 Cell Biology Lectures; (3) REG/P-F/AUD. *Prerequisites: BSCI 230/ZOOL 211 and BSCI 222/BIOL 222 and CHEM 233. Credit will be granted for only one of the following: BSCI 420 or BSCI 421. Formerly ZOOL 410.* Acceptable toward Biological Sciences specialization areas: PHNB, CMBG, BGEN and GENB (Category 1). (Sponsoring Dept.: BIOL).
0101 **(08386)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)

BSCI421 Cell Biology; (4) REG/P-F. *Prerequisites: BSCI 230/ZOOL 211 and BSCI 222/BIOL222 and CHEM 233. Formerly: PBIO 400 and ZOOL 411. Credit will be granted for only one of the following: BSCI 420 or BSCI 421.* Applies toward Biological Sciences Specialization Areas: PHNB, ZOOL, CM BG, BGEN (lab), and GENB (category 1).(Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08396)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
M 1:00pm-5:00pm (PLS 1171) Lab
0102 **(08397)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
Tu 1:00pm-5:00pm (PLS 1171) Lab
0103 **(08398)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
W 1:00pm-5:00pm (PLS 1171) Lab

BSCI424 Pathogenic Microbiology; (4) REG/P-F/AUD. *Prerequisite: BSCI 223. Formerly MICB 440.* Acceptable toward Biological Sciences Specialization Areas: CMBG, MICB, PHNB, BGEN and GENB (Category 2). (Sponsoring Dept.: CBMG). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08408)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1143) Lab
0102 **(08409)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 9:00am-10:50am (MCB 1135) Lab
0103 **(08410)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1143) Lab
0104 **(08411)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 11:00am-12:50pm (MCB 1135) Lab
0105 **(08412)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1143) Lab
0106 **(08413)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 1:00pm-2:50pm (MCB 1135) Lab
0107 **(08414)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1143) Lab
0108 **(08415)** Joseph, S.
TuTh 11:00am-11:50am (JMZ 0220)
MW 3:00pm-4:50pm (MCB 1135) Lab
8101 **(*****)** Rollins, D.
TuTh 7:00pm-7:50pm (MCB 1207)
TuTh 8:00pm-10:00pm (MCB 1135) Lab
This section is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941

8102 **(*****)** Rollins, D.
TuTh 7:00pm-7:50pm (MCB 1207)
TuTh 8:00pm-10:00pm (MCB 1143) Lab
This section is intended for students who enroll through the Science in the Evening Program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact the Life Sciences Outreach and Special Programs Office at: phone: (301) 405-7941

BSCI426 Membrane Biophysics; (3) REG/P-F. CORE: CS *Prerequisites: BSCI 230/ZOOL 211; and {PHYS 122 or PHYS 142}; and {MATH 140 or MATH 220}. Formerly ZOOL 413.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, CMBG, BGEN and GENB (Category 1).(Sponsoring Dept.: BIOL).
0101 **(08427)** Colombini, M.
TuTh 4:00pm-5:15pm (PLS 1117)

BSCI427 Principles of Microscopy; (2) REG/P-F/AUD. *Prerequisite: BSCI 421 or ZOOL 411 or PBIO 400. Formerly PBIO 430.* (Sponsoring Dept.: CBMG).
0101 **(08437)** Wolniak, S.
MW 8:00am-8:50am (HJP 2226)

BSCI430 Developmental Biology; (3) REG/P-F/AUD. *Prerequisites: BSCI 230/ZOOL 211 and BSCI 222/BIOL 222. Formerly ZOOL 430.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, GENB (Category 1) and CMBG. (Sponsoring Dept.: BIOL).
0101 **(08447)** Rivas, R.
TuTh 11:00am-12:15pm (PLS 1130)

BSCI436 Drug Action and Design; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or permission of department. 60 semester hours. Junior standing. Formerly MICB 443.* Acceptable toward Biological Sciences Specialization areas: CMBG and MICB. (Sponsoring Dept.: CBMG).
0101 **(08457)** Pontzer, C.
MW 11:00am-12:15pm (MCB 1207)

BSCI440 Mammalian Physiology; (4) REG/P-F/AUD. *Prerequisites: BSCI 230/ZOOL 211 and CHEM 233 or permission of department. Formerly ZOOL 422.* Applies to Biological Sciences Specialization Areas: PHNB, ZOOL, MARB, BGEN, and GENB (Category 1). (Sponsoring Dept.: BIOL).BSCI 440 is a lecture/discussion format course. Thelaboratory is offered separately as BSCI 441.
0101 **(08467)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
M 11:00am-1:00pm (PLS 1121) Dis
0102 **(08468)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
Tu 11:00am-1:00pm (PLS 1121) Dis
0103 **(08469)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
Tu 1:00pm-3:00pm (PLS 1121) Dis
0104 **(08470)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
W 11:00am-1:00pm (PLS 1121) Dis
0105 **(08471)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
Th 11:00am-1:00pm (PLS 1121) Dis
0106 **(08472)** Sukharev, S.
MWF 10:00am-10:50am (BPS 1250)
F 11:00am-1:00pm (PLS 1121) Dis

BSCI441 Mammalian Physiology Laboratory; (2) REG/P-F/AUD. *Corequisite: BSCI 440. Formerly ZOOL 423.* Applies to Biological Sciences SpecializationAreas: PHNB, ZOOL, BGEN and GENB (category 1).(Sponsoring Dept.: BIOL). Students must pay a $40.00 laboratory materials fee.
0101 **(08482)** Sukharev, S.
M 1:00pm-5:00pm (PLS 1181) Lab
0102 **(08483)** Sukharev, S.
Tu 1:00pm-5:00pm (PLS 1181) Lab
0103 **(08484)** Sukharev, S.
W 1:00pm-5:00pm (PLS 1181) Lab
0104 **(08485)** Sukharev, S.
Th 1:00pm-5:00pm (PLS 1181) Lab

BSCI442 Plant Physiology; (4) REG/P-F/AUD. *Prerequisites: BSCI 105/BIOL 105 and CHEM 103. Formerly PBIO 420.* Course is taught in the Fall semester only. (Sponsoring Dept.: CBMG). Applies to Biological Sciences Specialization Areas: ENTM, PLNT, PHNB, MARB, and GENB (category I). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08495)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 9:00am-12:00pm (HJP 2230) Lab
0102 **(08496)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 1:00pm-4:00pm (HJP 2230) Lab
0104 **(08497)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
M 6:00pm-9:00pm (HJP 2230) Lab
0106 **(08498)** Sze, H.
TuTh 11:00am-12:15pm (HJP 2242)
Tu 1:00pm-4:00pm (HJP 2230) Lab

BSCI444 Neurophysiology Lectures; (3) REG/P-F/AUD. *Prerequisites: BSCI 230/ZOOL 211; and CHEM 233; and PHYS 122. Credit will be granted for only one of the following: BSCI 444 or BSCI 445. Formerly ZOOL 420.* Acceptable toward Biological Sciences specialization area: PHNB, ZOOL, BGEN (non-lab) and GENB (Category 1). (Sponsoring Dept.: BIOL).
0101 **(08508)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)

BSCI445 Neurophysiology; (4) REG/P-F/AUD. *Prerequisites: BSCI 230/ZOOL 211; and CHEM 233; and PHYS 122. Credit will be granted for only one of the following: BSCI 444 or BSCI 445. Formerly ZOOL 421.* Acceptable toward Biological Sciences specialization areas: PHNB, ZOOL, BGEN, and GENB (Category 1). (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08518)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)
M 2:00pm-5:00pm (Arranged) Lab
0102 **(08519)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)
Tu 2:00pm-5:00pm (Arranged) Lab
0103 **(08520)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)
W 2:00pm-5:00pm (Arranged) Lab
0104 **(08521)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)
Th 2:00pm-5:00pm (Arranged) Lab

BSCI462 Population Ecology; (3) REG/P-F/AUD. *Prerequisites: BSCI 106/BIOL 106 and MATH 220. Formerly ZOOL 470.* Acceptable toward Biological Sciences specialization areas: ZOOL (EEBB area), EEBB, MARB, BGEN, BEES and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08532)** STAFF
MWF 9:00am-9:50am (BPS 1243)

BSCI463 Laboratory and Field Ecology; (2) REG/P-F/AUD. *Pre- or corequisites: BSCI 462/ZOOL 470 and a course in statistics. Formerly ZOOL 471.* Acceptable toward Biological Sciences specialization areas: ZOOL, MARB, EEBB, BGEN, BEES and GENB (Category 2). (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08542)** STAFF
F 1:00pm-5:00pm (BPS 0275) Lab

BSCI464 Microbial Ecology; (3) REG/P-F/AUD. CORE: CS *Prerequisites: BSCI 223/MICB 200; and CHEM 243 or CHEM 245. Formerly MICB 480.* Acceptable toward Biological Sciences Specialization Areas: MICB, CMBG, BEES, BGEN and GENB (Category 2). (Sponsoring Dept.: CBMG).
0101 **(08552)** Weiner, R.
MWF 2:00pm-3:00pm (MCB 1207)

BSCI466 Experimental Aquatic Ecology; (3) REG/P-F/AUD. *Prerequisites: BSCI 106/BIOL 106 and BSCI 224/ZOOL 210. Formerly ZOOL 484.* Applies to Biological Sciences Specialization Areas: MARB, ZOOL, EEBB, B EES, BGEN and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08562)** Palmer, M.
MW 3:00pm-4:15pm (BPS 1234)

BSCI467 Freshwater Biology; (4) REG/P-F. *Prerequisite: BSCI 227/ENTM 205 or permission of department. Formerly ENTM 482.* Applies to Biological Sciences Specialization Areas: BEES, ENTM, MARB, ZOOL, BGEN and GENB (Category 2). (Sponsoring Dept.: ENTM). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08572)** Lamp, W.
MW 9:00am-9:50am (PLS 1168)
TuTh 2:00pm-5:00pm (PLS 1161) Lab

BSCI470 Evolutionary Mechanisms; (4) REG/P-F/AUD. *Prerequisite: BSCI 370/ZOOL 328Q or permission of instructor. Formerly ZOOL 440.* Acceptable toward Biological Sciences specialization areas: ZOOL, EEBB, MARB, BGEN, BEES and GENB (Category 2). (Sponsoring Dept.: BIOL). Students interested in an introductory course in evolution should register for BSCI 370 and not BSCI 470.
0101 **(08582)** Via, S.
TuTh 9:30am-10:45am (PLS 1119)
Tu 3:00pm-4:00pm (BPS 2249) Dis
0102 **(08583)** Via, S.
TuTh 9:30am-10:45am (PLS 1119)
Tu 4:00pm-5:00pm (BPS 2249) Dis

BSCI473 Marine Ecology; (3) REG/P-F/AUD. *Prerequisite: BSCI 224/ZOOL 210. Formerly ZOOL 473.* Acceptable toward Biological Sciences specialization areas: MARB, ZOOL, BEES, EEBB, BGEN and GENB (Category 2). (Sponsoring Dept.: BIOL).
0101 **(08593)** Reaka-Kudla, M.
TuTh 11:00am-12:15pm (BPS 1236)

BSCI480 Arthropod Form and Function; (4) REG/P-F/AUD. *Prerequisite: BSCI 227/ENTM 205 or permission of department. Formerly ENTM 423.* Applies to Biological Sciences Specialization Areas: ENTM, BEES, MARB, PHNB and GENB (Category 1). (Sponsoring Dept.: ENTM). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08603)** Shultz, J.
MWF 9:00am-9:50am (PLS 1176)
F 1:00pm-4:00pm (PLS 1161) Lab

BSCI484 The Biology of Marine and Estuarine Invertebrates; (4) REG/P-F/AUD. *Prerequisite: one year of biology including BSCI 224/ZOOL 210. Formerly ZOOL 481.* Applies to Biological Sciences Specialization Areas: MARB, BEES, EEBB, ZOOL, BGEN and GENB (Category 2). (Sponsoring Dept.: BIOL). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08613)** Pierce, S.
MW 9:00am-9:50am (BPS 2283)
MW 1:00pm-4:00pm (BPS 0263) Lab
0102 **(08614)** Pierce, S.

MW 9:00am-9:50am (BPS 2283)
TuTh 1:00pm-4:00pm (BPS 0263) Lab

BSCI487 Managing Pests without Pesticides; (4) REG/P-F/AUD. *Prerequisite: BSCI 227/ENTM 205 or permission of department. Formerly ENTM 454.* Acceptable toward Biological Sciences Specialization Areas: BEES, BGEN and ENTM. (Sponsoring Dept.: ENTM). Students must pay a $40.00 Laboratory Materials fee.
0101 **(08624)** Bottrell, D.
MWF 1:00pm-1:50pm (PLS 1158)
W 2:00pm-5:00pm (PLS 1161) Lab

BSCI497 Insect Pests of Ornamentals and Turf; (3) REG/P-F/AUD. *Prerequisite: BSCI 227/ENTM 205 or permission of department. Formerly ENTM 453.* (Sponsoring Dept.: ENTM). Students must pay a $40.00 Laboratory Material s fee.
0101 **(08634)** Davidson, J.
TuTh 9:30am-10:45am (PLS 1180)
M 1:00pm-3:30pm (PLS 1161) Lab

BSOS Behavioral and Social Sciences
(Behavioral and Social Sciences)

BSOS338 *(PermReq)* **Academic Seminar for Interns: Federal and International; (1-3)** REG.
0101 **(08684)** Remy, L.
M 4:30pm-6:30pm (TLF 1101)

BSOS339 Internship in Political Institutions: Federal and International; (3-6) S-F.
0101 **(08694)** Remy, L.
Time and room to be arranged

BSOS348 Academic Seminar for Interns: State and Local; (1-3) REG.
0101 **(08704)** Remy, L.
M 4:30pm-6:30pm (TLF 1101)

BSOS349 Internship in Political Institutions: State and Local; (3-6) S-F.
0101 **(08714)** Remy, L.
Time and room to be arranged

BSOS359C Contemporary Issues in Political Leadership and Participation: The Role of Advocacy in the American Political Process; (3) REG.
0101 **(08724)** Evans, G.
M 3:00pm-4:30pm (TYD 0101)
Time and room to be arranged Dis

BSOS359F Contemporary Issues in Political Leadership and Participation: African-American Political Participation in American Politics; (3) REG.
0101 **(08734)** Brazile, D.
W 7:00pm-9:40pm (TLF 1101)

BSOS359G Contemporary Issues in Political Leadership and Participation: Women in Politics - Do They Make a Difference?; (3) REG.
0101 **(08744)** STAFF
Tu 6:00pm-8:40pm (TLF 1101)

BSOS359M Contemporary Issues in Political Leadership and Participation: Action, Change and Leadership in Groups; (3) REG.
0101 **(08754)** Green, Z.
Tu 2:00pm-4:40pm (TLF 1101)

BSOS359O Contemporary Issues in Political Leadership and Participation: An Exploration of Movements for Social Justice; (3) REG.
0101 **(08764)** Gerber, R.
M 3:00pm-5:40pm (KEY 0120)

BSOS359P Contemporary Issues in Political Leadership and Participation; (3) REG.
0101 **(08774)** STAFF
M 4:00pm-6:40pm (TLF 2101)

BSOS366 *(PermReq)* **Internship in Community Service Organizations; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(08784)** McGovern, E.
M 10:00am-12:00pm (TLF 1101)
Time and room to be arranged Dis

BSOS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

BSOS388 Behavioral and Social Sciences Special Topics; (1-3) REG/P-F.
0301 **(08797)** Beardsley, K.
Time and room to be arranged

BSOS388S *(PermReq)* **Behavioral and Social Sciences Special Topics: Project Skills Development; (3)** REG/P-F/AUD.
0101 **(08807)** Beardsley, K.
Time and room to be arranged
0102 **(08808)** Edelstein, S.
Time and room to be arranged

BSOS396 *(PermReq)* **Fellowship Program in Political Leadership; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department and acceptance of full-time fellowship program. Corequisite: BSOS 346, BSOS 356 or BSOS 366.*

BSOS399 *(PermReq)* **Directed Study in Behavioral and Social Sciences; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS Criminology and Criminal Justice
(Behavioral and Social Sciences)

CCJS100 Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.*
0101 **(08875)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
M 9:00am-9:50am (LEF 1220) Dis
0102 **(08876)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
M 11:00am-11:50am (LEF 1220) Dis
0103 **(08877)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
M 12:00pm-12:50pm (LEF 1220) Dis
0104 **(08878)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Tu 9:00am-9:50am (LEF 1222) Dis
0105 **(08879)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Tu 10:00am-10:50am (LEF 1222) Dis
0106 **(08880)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Tu 11:00am-11:50am (ARM 0131) Dis
0107 **(08881)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Tu 12:00pm-12:50pm (BPS 1228) Dis
0108 **(08882)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
W 10:00am-10:50am (LEF 1220) Dis
0109 **(08883)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
W 12:00pm-12:50pm (HBK 1108) Dis
0110 **(08884)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
W 2:00pm-2:50pm (ASY 3215) Dis
0111 **(08885)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Th 12:00pm-12:50pm (JMP 3104) Dis
0112 **(08886)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Th 1:00pm-1:50pm (TWS 0131) Dis
0113 **(08887)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
W 3:00pm-3:50pm (LEF 1220) Dis
0114 **(08888)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Th 3:00pm-3:50pm (KEY 0121) Dis

CCJS100+ Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.* Restricted to students in a First Year Focus Cluster.
0102 **(08898)** STAFF
TuTh 4:00pm-4:50pm (BPS 1240)
M 11:00am-11:50am (ARM 0118) Dis

CCJS100H Introduction to Criminal Justice; (3) REG/P-F/AUD. CORE: SB *Formerly CJUS 100.* For general honors students only.
0101 **(08908)** Gaston, A.
TuTh 4:00pm-4:50pm (BPS 1240)
Th 5:00pm-5:40pm (BPS 1234) Dis

CCJS105 Introduction to Criminology; (3) REG/P-F/AUD. CORE: SB *Formerly CRIM 220.*
0101 **(08920)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 9:00am-9:50am (LEF 1201) Dis
0102 **(08921)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
M 11:00am-11:50am (LEF 1201) Dis
0103 **(08922)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 9:00am-9:50am (JMZ 0120) Dis
0104 **(08923)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 2:00pm-2:50pm (HBK 1108) Dis
0105 **(08924)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Tu 3:00pm-3:50pm (KEY 0121) Dis
0106 **(08925)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 9:00am-9:50am (LEF 1201) Dis
0107 **(08926)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
W 11:00am-11:50am (ARC 1103) Dis
0108 **(08927)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 12:00pm-12:50pm (LEF 1222) Dis
0109 **(08928)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
Th 1:00pm-1:50pm (BPS 1232) Dis
0110 **(08929)** Smith, D.
MW 10:00am-10:50am (SKN 0200)
F 11:00am-11:50am (ARC 1105) Dis
0201 **(08930)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 10:00am-10:50am (MTH 0103) Dis
0202 **(08931)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
M 1:00pm-1:50pm (LEF 1220) Dis
0203 **(08932)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 10:00am-10:50am (HJP 1229) Dis
0204 **(08933)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Tu 2:00pm-2:50pm (JMZ 2207) Dis
0205 **(08934)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 10:00am-10:50am (ASY 3219) Dis
0206 **(08935)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
W 12:00pm-12:50pm (KEY 0126) Dis
0207 **(08936)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 9:00am-9:50am (JMZ 0208) Dis
0208 **(08937)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 10:00am-10:50am (JMZ 0125) Dis
0209 **(08938)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
Th 2:00pm-2:50pm (HBK 1108) Dis
0210 **(08939)** Smith, D.
TuTh 12:30pm-1:20pm (ARC 0204)
F 12:00pm-12:50pm (TYD 1128) Dis

CCJS200 Statistics for Criminology and Criminal Justice; (3) REG/P-F/AUD. *Prerequisites: MATH 111 and (CCJS 100 or CCJS 105) or permission of department.*
0101 **(08949)** STAFF
MW 10:00am-10:50am (SQH 1120)
F 10:00am-10:50am (LEF 1222) Dis
0102 **(08950)** STAFF
MW 10:00am-10:50am (SQH 1120)
Th 9:00am-9:50am (JMZ 2207) Dis
0103 **(08951)** STAFF
MW 10:00am-10:50am (SQH 1120)
Th 11:00am-11:50am (PHY 1402) Dis
0104 **(08952)** STAFF
MW 10:00am-10:50am (SQH 1120)
Tu 1:00pm-1:50pm (LEF 1222) Dis
0105 **(08953)** STAFF
MW 10:00am-10:50am (SQH 1120)
Tu 2:00pm-2:50pm (JMZ 0120) Dis
0106 **(08954)** STAFF
MW 10:00am-10:50am (SQH 1120)
F 11:00am-11:50am (LEF 1222) Dis

CCJS230 Criminal Law in Action; (3) REG/P-F/AUD. *Formerly CJUS 230.*
0101 **(08964)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
M 11:00am-11:50am (SKN 1115) Dis
0102 **(08965)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
M 1:00pm-1:50pm (ARM 0121) Dis
0103 **(08966)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
W 10:00am-10:50am (KEY 0121) Dis
0104 **(08967)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
W 11:00am-11:50am (SKN 1115) Dis
0105 **(08968)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
F 9:00am-9:50am (KEY 0125) Dis
0106 **(08969)** Russell, K.
TuTh 9:30am-10:20am (ARM 0131)
F 1:00pm-1:50pm (SKN 1115) Dis

CCJS234 Law of Criminal Investigation; (3) REG/P-F/AUD. *Prerequisite: CCJS 230. Formerly CJUS 234.*
0101 **(08979)** Johnston, D.
TuTh 8:00am-9:15am (LEF 2205)

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3)** REG. *Prerequisites: CCJS 100 and CCJS 105; and one of the following: CCJS 200 or SOCY 201 or PSYC 200 or ECON 321 or BMGT 230. Formerly CJUS 300.*
0101 **(08989)** Brooks, L.
MWF 9:00am-9:50am (TYD 2111)
0201 **(08990)** Brooks, L.
MWF 11:00am-11:50am (KEY 0102)
0301 **(08991)** STAFF
TuTh 12:30pm-1:45pm (CSS 2324)

CCJS320 Introduction to Criminalistics; (3) REG/P-F/AUD. *Prerequisite: CCJS 234. Formerly CJUS 320.*
0101 **(09001)** Mauriello, T.
MW 6:00pm-7:15pm (LEF 2205)
MW 6:00pm-7:15pm (ALS 3120) Lab
0201 **(09002)** Mauriello, T.
MW 7:30pm-8:45pm (LEF 2205)
MW 7:30pm-8:45pm (ALS 3120) Lab

CCJS330 Contemporary Criminological Issues; (3) REG/P-F/AUD *Prerequisite: CCJS 105. Formerly CRIM 330.*
0201 **(09012)** Zumbrun, A.
TuTh 11:00am-12:15pm (SYM 0200)
0301 **(09013)** Cosper, G.
M 7:00pm-9:40pm (ASY 2309)
0401 **(09014)** Cosper, G.
M 4:00pm-6:45pm (ASY 2309)

CCJS340 Concepts of Law Enforcement Administration; (3) REG/P-F/AUD. *Prerequisite: CCJS 100 or equivalent. Formerly CJUS 340.*
0101 **(09024)** Brooks, L.
MWF 10:00am-10:50am (TYD 0117)
0201 **(09025)** Carr, T.
Tu 4:00pm-6:45pm (LEF 2205)

CCJS350 Juvenile Delinquency; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 450.*
0101 **(09035)** Brame, R.
MWF 10:00am-10:50am (CSS 2324)
0201 **(09036)** STAFF
TuTh 11:00am-12:15pm (KEY 0102)
0301 **(09037)** STAFF
TuTh 11:00am-12:15pm (LEF 2205)

CCJS352 Drugs and Crime; (3) REG/P-F/AUD. *Prerequisite: CCJS 100. Formerly CJUS 352.*
0101 **(09047)** STAFF
TuTh 2:00pm-3:15pm (LEF 2205)
0201 **(09048)** Gaston, A.
TuTh 11:00am-12:15pm (VMH 1212)

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only, and permission of department.

CCJS360 Victimology; (3) REG/P-F/AUD. *Prerequisite: CCJS 105. Formerly CRIM 360.*
0101 **(09059)** Tseloni, A.
MW 1:00pm-2:15pm (HJP 0226)

CCJS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Prerequisites: junior standing by August 1998; a 3.2 cumulative GPA; and a grade of "A" in the course in which assisting.

CCJS389H *(PermReq)* **Independent Research in Criminology and Criminal Justice; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For Honors students only.

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: junior standing. Majors only.

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of CCJS credits.

CCJS432 *(PermReq)* **Law of Corrections; (3)** REG/P-F/AUD. *Prerequisites: CCJS 230 or CCJS 234; and CCJS 105; and CCJS 300. Formerly CRIM 432.*
0101 **(09105)** Zumbrun, A.
TuTh 12:30pm-1:45pm (SYM 0200)

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 451.*
0101 **(09115)** STAFF
MWF 9:00am-9:50am (LEF 2166)

CCJS452 *(PermReq)* **Treatment of Criminals and Delinquents; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105 or CCJS 350 or permission of department; and CCJS 300. Formerly CRIM 452.*
0101 **(09125)** Gaston, A.
TuTh 2:00pm-3:15pm (TYD 1102)

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3)** REG/P-F/AUD. *Prerequisites: CCJS 105; and CCJS 300; and CCJS 350. Formerly CRIM 454.*
0101 **(09135)** STAFF
TuTh 12:30pm-1:45pm (LEF 2208)

CCJS498C *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Police and Campus Interaction; (3)** REG/P-F/AUD.
0101 **(09145)** Wellford, C.
MW 3:30pm-4:45pm (LEF 2205)

CCJS498D *(PermReq)* **Selected Topics in Criminology and Criminal Justice: Fundamental for Criminological Research; (3)** REG.
0101 **(09155)** STAFF
Th 4:00pm-6:45pm (LEF 1221)

CCJS600 Criminal Justice; (3) REG/AUD. *Prerequisites: admission to the graduate program in criminal justice or permission of department. Formerly CJUS 600.*
0101 **(09165)** Sherman, L.
W 4:00pm-6:45pm (LEF 2208)

CCJS652 Seminar in Juvenile Delinquency; (3) REG/AUD. *Formerly CRIM 652.*
0101 **(09175)** Gottfredson, D.
W 4:00pm-6:45pm (LEF 1201)

CCJS699 Special Criminological Problems; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CCJS699J *(PermReq)* **Special Criminological Problems: Crime in the Life Course; (3)** REG.
0101 **(09195)** Laub, J.
Tu 4:00pm-6:45pm (LEF 1220)

CCJS699L Special Criminological Problems; (3) REG/AUD.
0101 **(09205)** Smith, D.
Tu 4:00pm-6:45pm (LEF 1201)

CCJS699P Special Criminological Problems: Psychology of Crime and Justice; (3) REG/AUD.
0101 **(09215)** Mackenzie, D.
M 4:00pm-6:45pm (LEF 1220)

CCJS720 Criminal Justice System Planning; (3) REG/AUD. *Prerequisites: one course in criminal justice and one course in research methodology. Formerly CJUS 720.*
0101 **(09225)** Reuter, P.
Tu 4:00pm-6:45pm (LEF 1222)

CCJS799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CCJS899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM Chemistry
(Life Sciences)

CHEM103 General Chemistry I; (4) REG/P-F/AUD. CORE: PL. *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.
3114 **(09302)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-9:15am (CHM 0127) Dis
3115 **(09303)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1106) Lab
Tu 8:00am-9:15am (CHE 2140) Dis
3124 **(09304)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1105) Lab
Tu 8:00am-9:15am (CHM 0128) Dis
3125 **(09305)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1106) Lab
Tu 8:00am-9:15am (EGR 1110) Dis
3127 **(09306)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1105) Lab
Tu 8:00am-9:15am (CHE 2118) Dis
3134 **(09307)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1105) Lab
Tu 9:30am-10:45am (CHE 2116) Dis
3135 **(09308)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1106) Lab
Tu 9:30am-10:45am (CHE 2118) Dis
3136 **(09309)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1111) Lab
Tu 9:30am-10:45am (EGL 1204) Dis
3144 **(09310)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1105) Lab
Tu 9:30am-10:45am (EGR 3111) Dis
3145 **(09311)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1106) Lab
Tu 9:30am-10:45am (EGL 1202) Dis
3154 **(09312)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1105) Lab
Tu 8:00am-9:15am (CHM 0124) Dis
3214 **(09313)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-9:15am (EGL 1204) Dis
3215 **(09314)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1110) Lab
Th 8:00am-9:15am (EGR 3111) Dis
3224 **(09315)** Miller, G.

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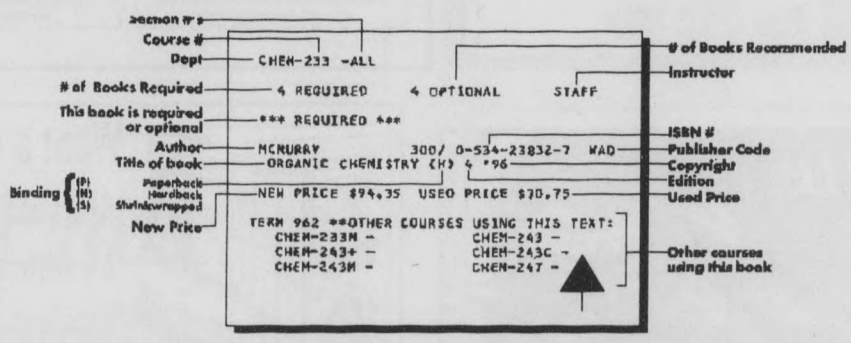

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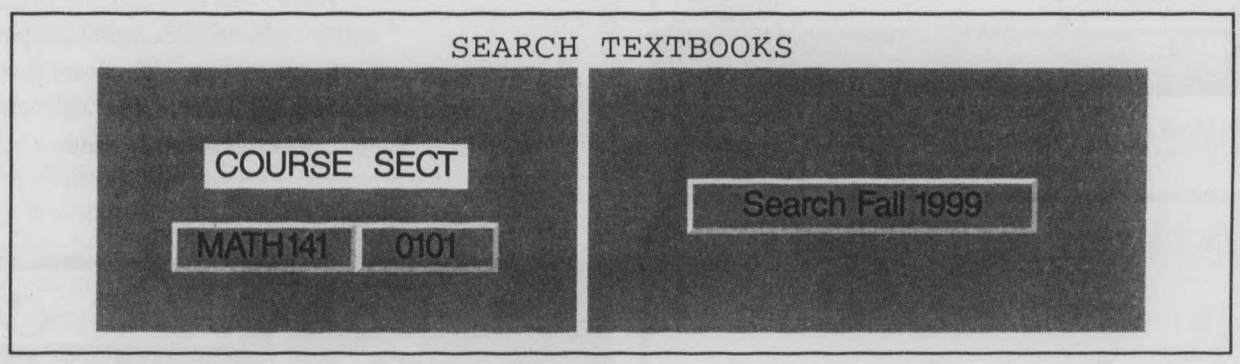

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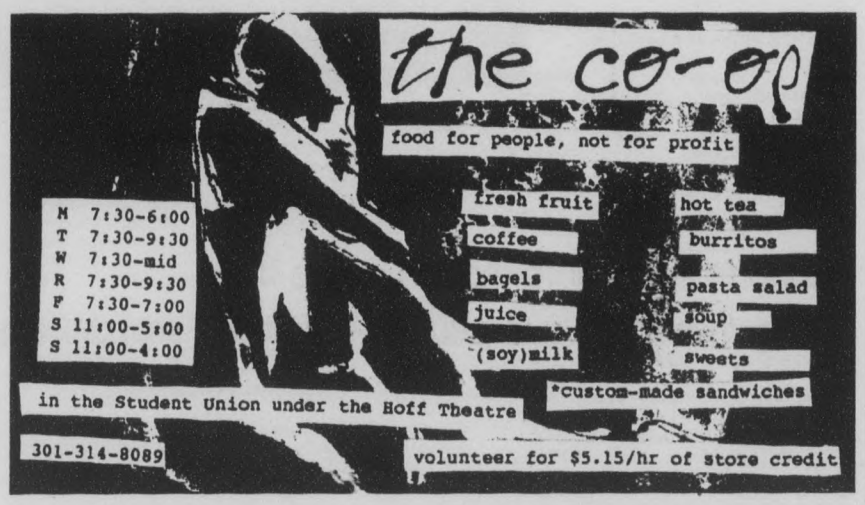

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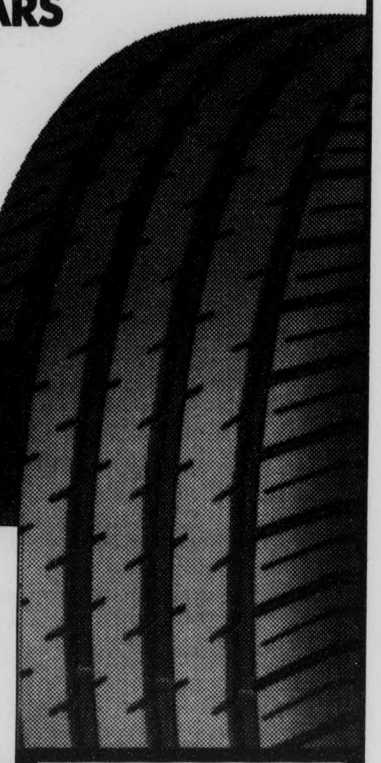

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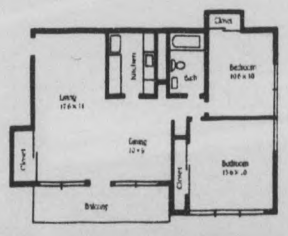

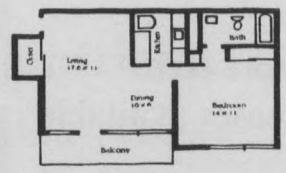

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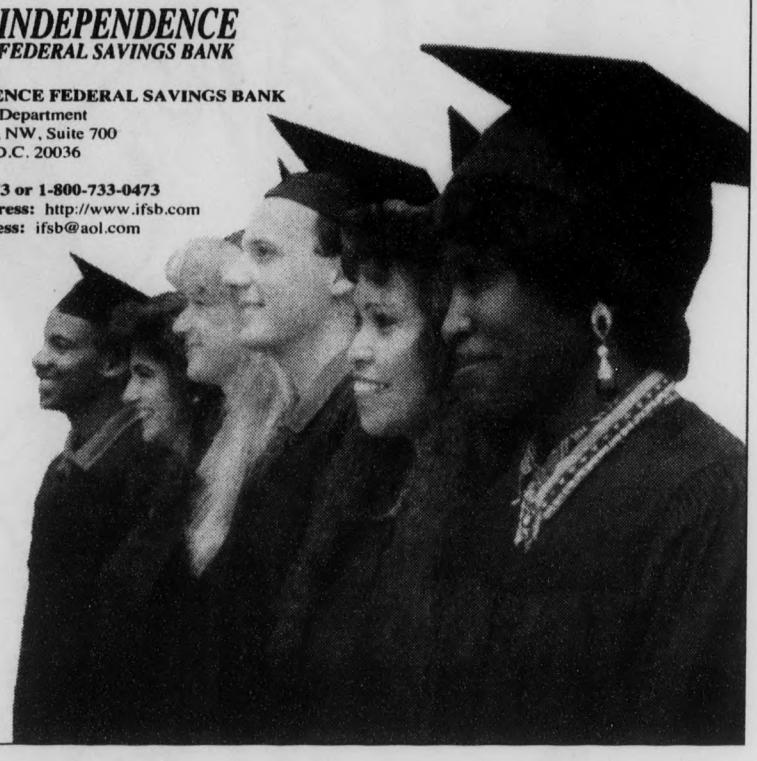

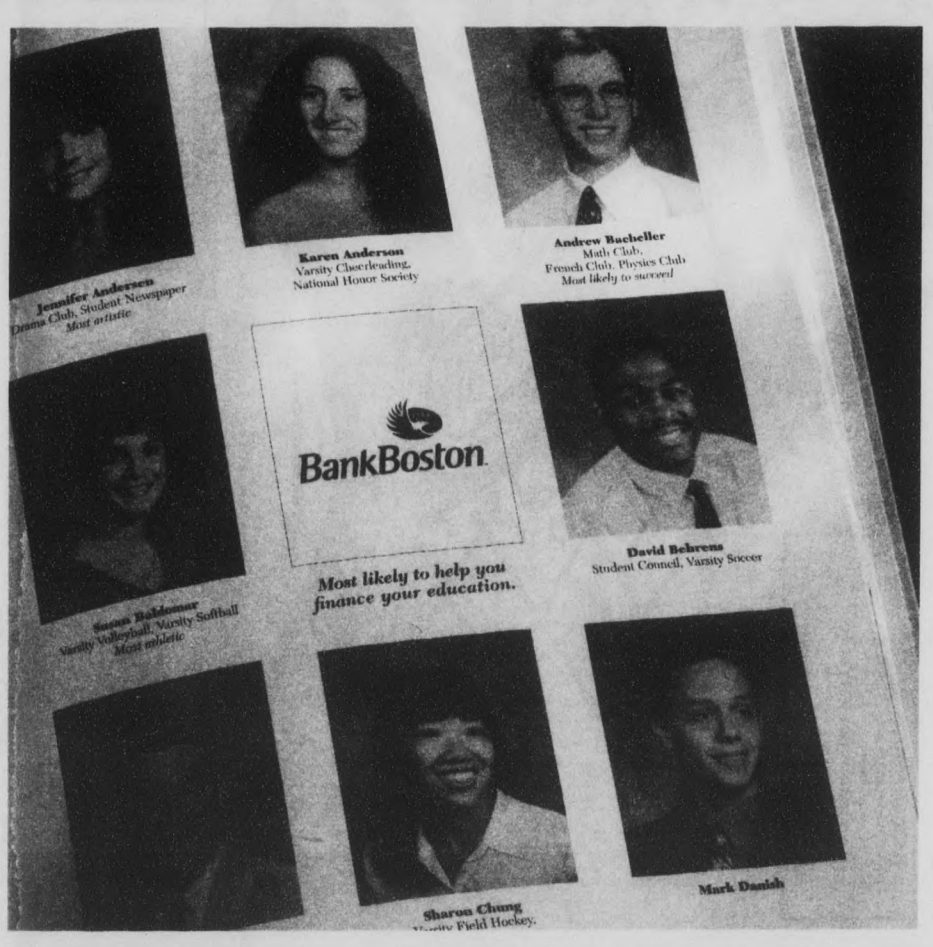

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Layout: Sam Martinez, Ray Stoner

AGY	Allegany Hall	A-3
ANS	Animal Sciences-Agri.Engr. Bldg	F-5
ANA	Anne Arundel Hall	E-3
ARC	Architecture Building	D-2
ARM	Reckord Armory	C-4
ASY	Art-Sociology Building	D-2
AVW	A.V. Williams Building	E-6
BAL	Baltimore Hall	B-3
BEL	Bel-Air Hall	G-5
BPS	Biology Psychology Building	G-4
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CAL	Calvert Hall	B-3
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CRL	Carroll Hall	C-2
CEC	Cecil Hall	B-3
CEN	Centreville Hall	F-5
CHL	Charles Hall	A-3
CHE	Chemical and Nuclear Engr	E-5
CHM	Chemistry Building	E-5
CHS	Chestertown Hall	G-4
CLB	Classroom Building	E-6
COL	Cole Student Activities Building	E-3
CRC	Campus Recreation Center	H-4
CSS	Computer and Space Sciences	F-4
CBD	Cumberland Hall	G-4
DNC	Dance Building	B-3
DEN	Denton Hall	H-3
DOR	Dorchester Hall	E-3
EAS	Easton Hall	H-3
EDA	Education Annex	C-3
EDU	Benjamin (Education) Building	E-3
ELK	Elkton Hall	H-3
ELL	Ellicott Hall	G-4
EGR	Engineering Classroom Bldg	D-5
EGL	Engineering Lab Building	D-5
ERB	Engineering Research Bldg	E-6
FRD	Frederick Hall	B-3
GEO	Geology Building	D-4
GRT	Garrett Hall	C-3
HAG	Hagerstown Hall	H-3
HAR	Harrison Lab	C-5
HBK	Hornbake Library	E-4
HJP	H.J. Patterson Bldg	D-3
HHP	Health & Human Performance	G-5
HOW	Howard Hall	B-3
HRF	Harford Hall	B-3
HZF	Holzapfel Hall	D-4
IPT	Inst. For Phys. Science & Tech	F-5
ITV	Instructional Television Facility	E-5
JMP	J.M. Patterson Hall	E-5
JMZ	Jimenez Hall	D-3
JRN	Journalism Building	D-3
JUL	Jull Hall	F-4
KEY	Francis Scott Key Hall	D-3
KNT	Kent Hall	B-3
LEF	LeFrak Hall	C-3
LPA	La Plata Hall	G-4
MCB	Microbiology Building	E-4
MCK	McKeldin Library	D-3
MMH	Marie Mount Hall	C-4
MNT	Montgomery Hall	A-4
MOR	Morrill Hall	C-3
MTH	Mathematics Building	D-5
NCC	Nymbruru Cultural Center	E-4
PGG	Prince George's Hall	B-3
PHY	Physics Building	D-4
PKT	Preinkert Field House	D-2
PLS	Plant Sciences Building	E-4
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RIT	Ritchie Coliseum	B-5
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SHM	Shoemaker Hall	C-3
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SKN	Skinner Building	C-3
SOM	Somerset Hall	D-3
SDH	South Campus Dining Hall	C-3
STM	St. Mary's Hall	E-3
SSU	Stamp Student Union	E-3
SYM	Symons Hall	D-4
TAL	Talbot Hall	C-3
TBA	To Be Arranged	
TLF	Taliaferro Hall	C-3
TYD	Tydings Hall	D-3
TUR	Turner Lab (Dairy)	C-5
TWS	Tawes Fine Arts Building	E-2
VMH	Van Munching Hall	C-2
WSH	Washington Hall	B-3
WIC	Wicomico Hall	C-3
WDS	Woods Hall	C-4
WTU	Wind Tunnel	D-5
WOR	Worcester Hall	D-3

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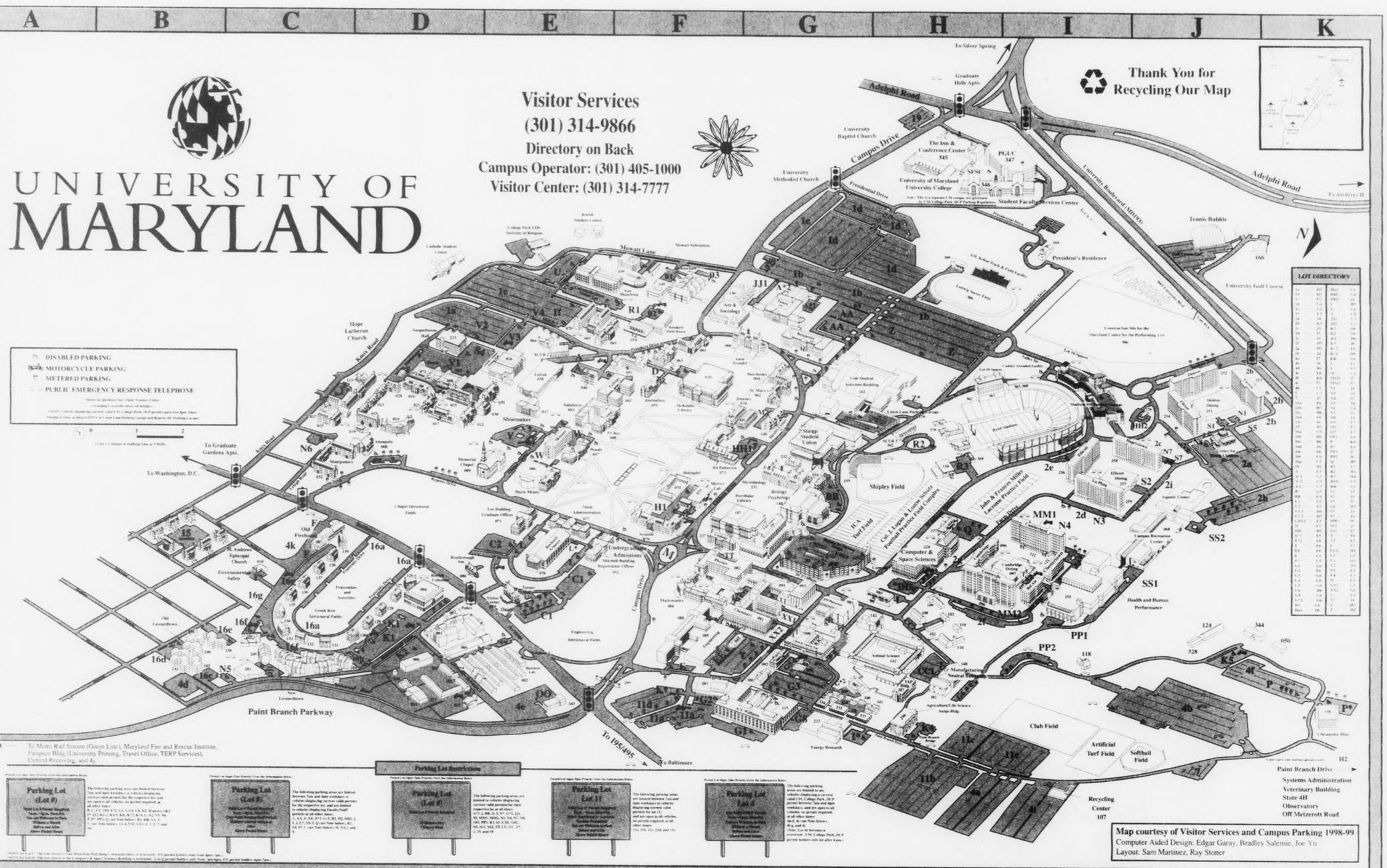

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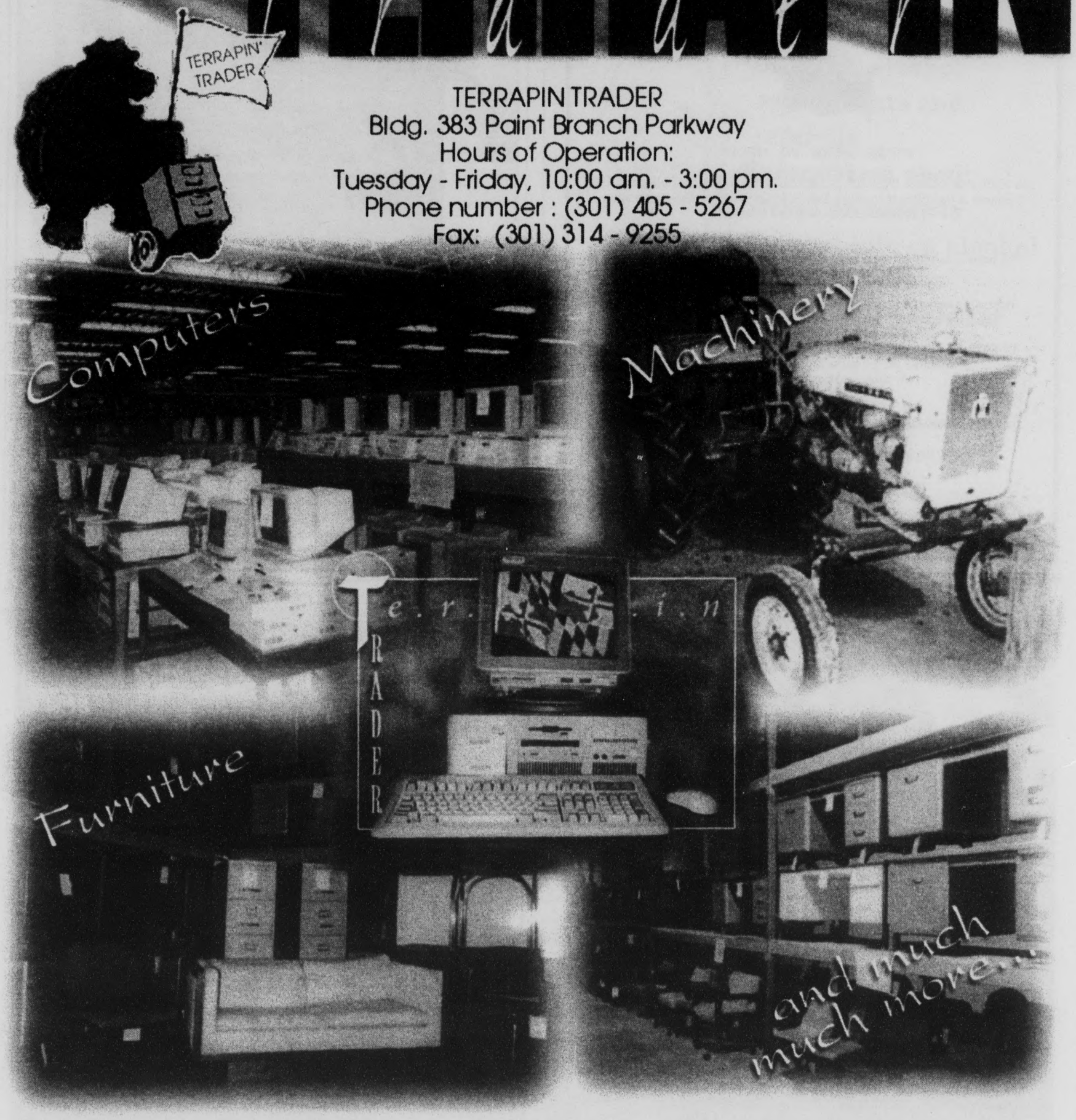

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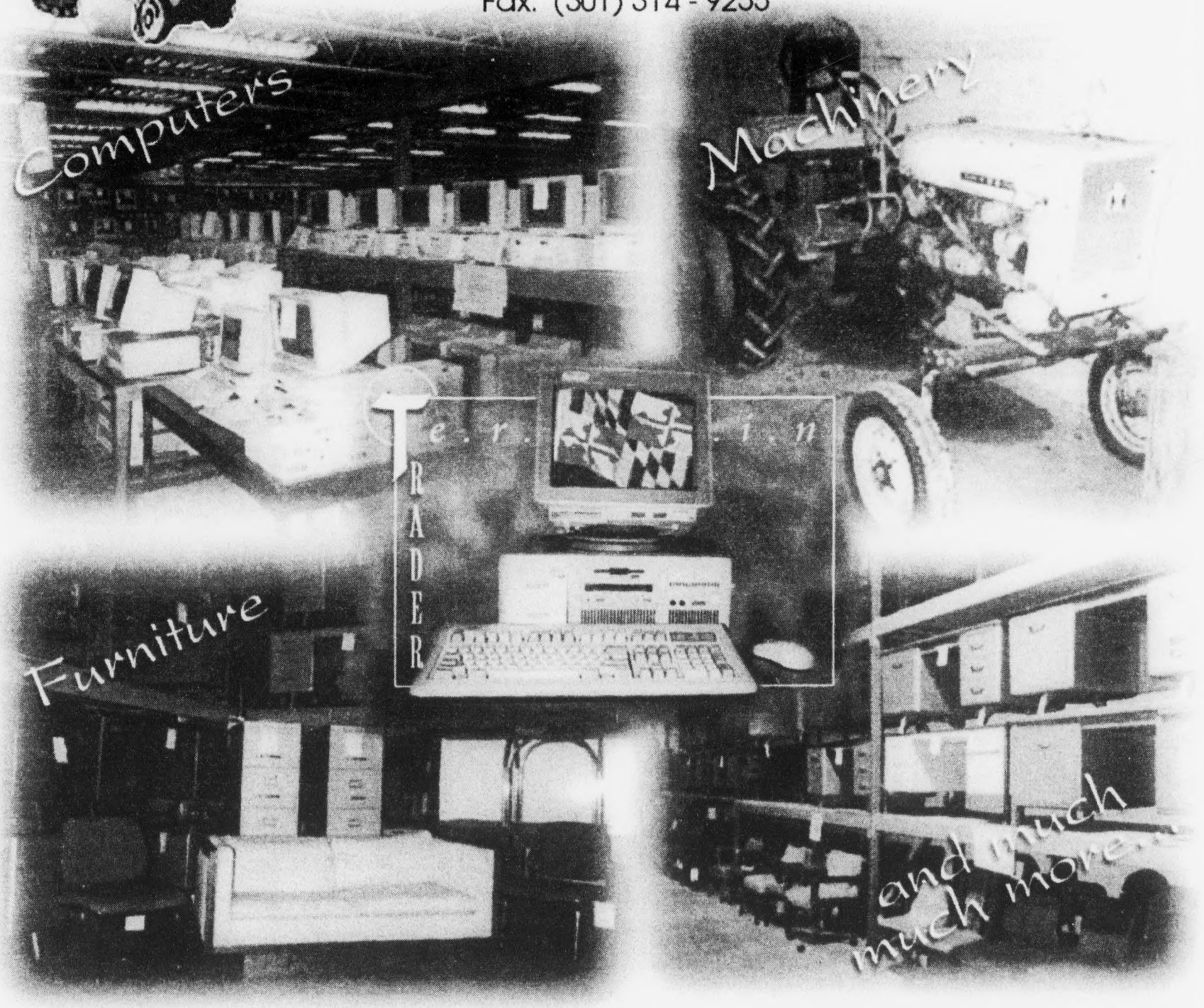

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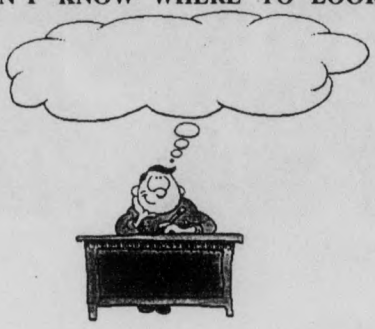

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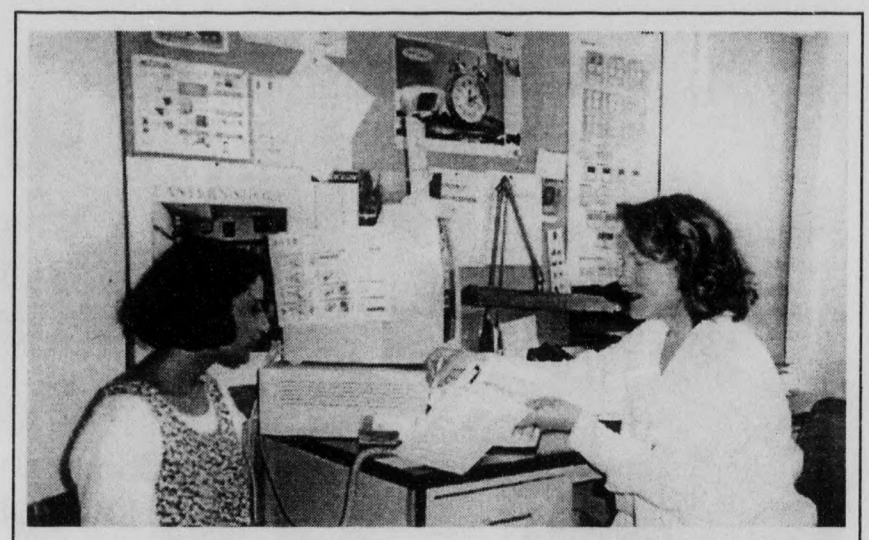

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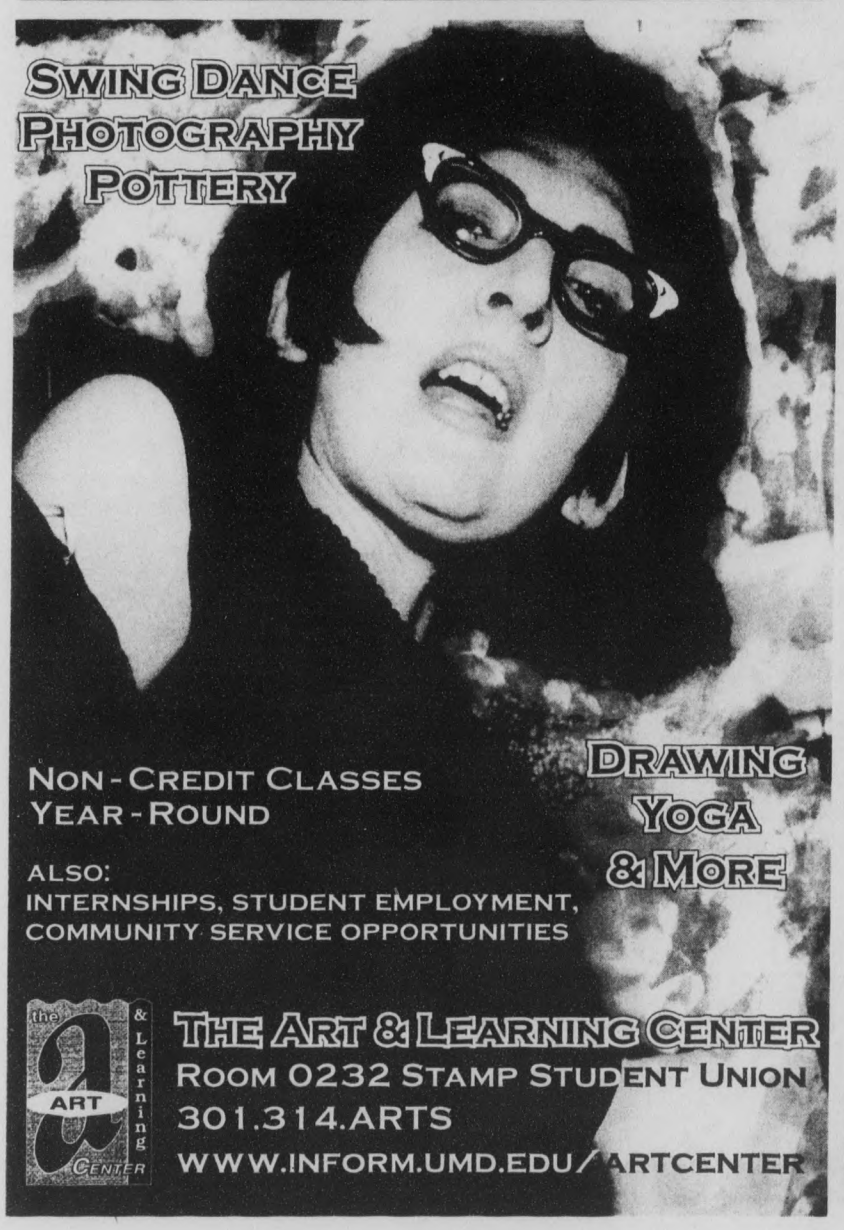

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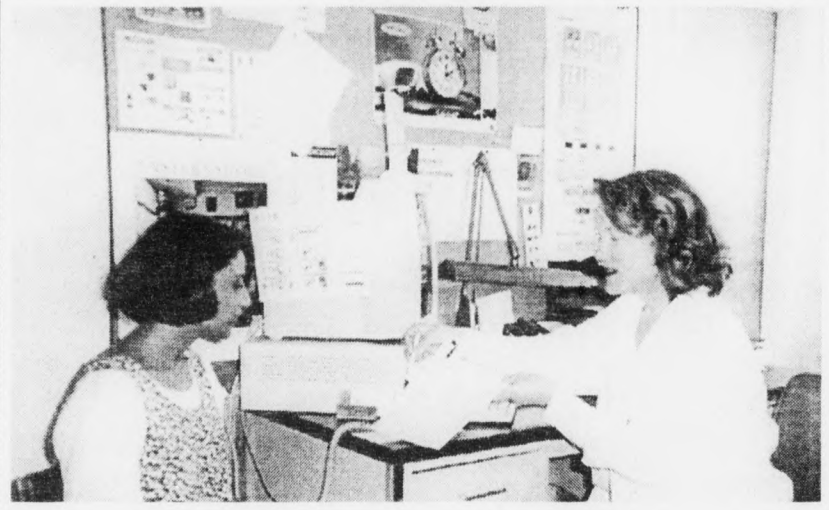

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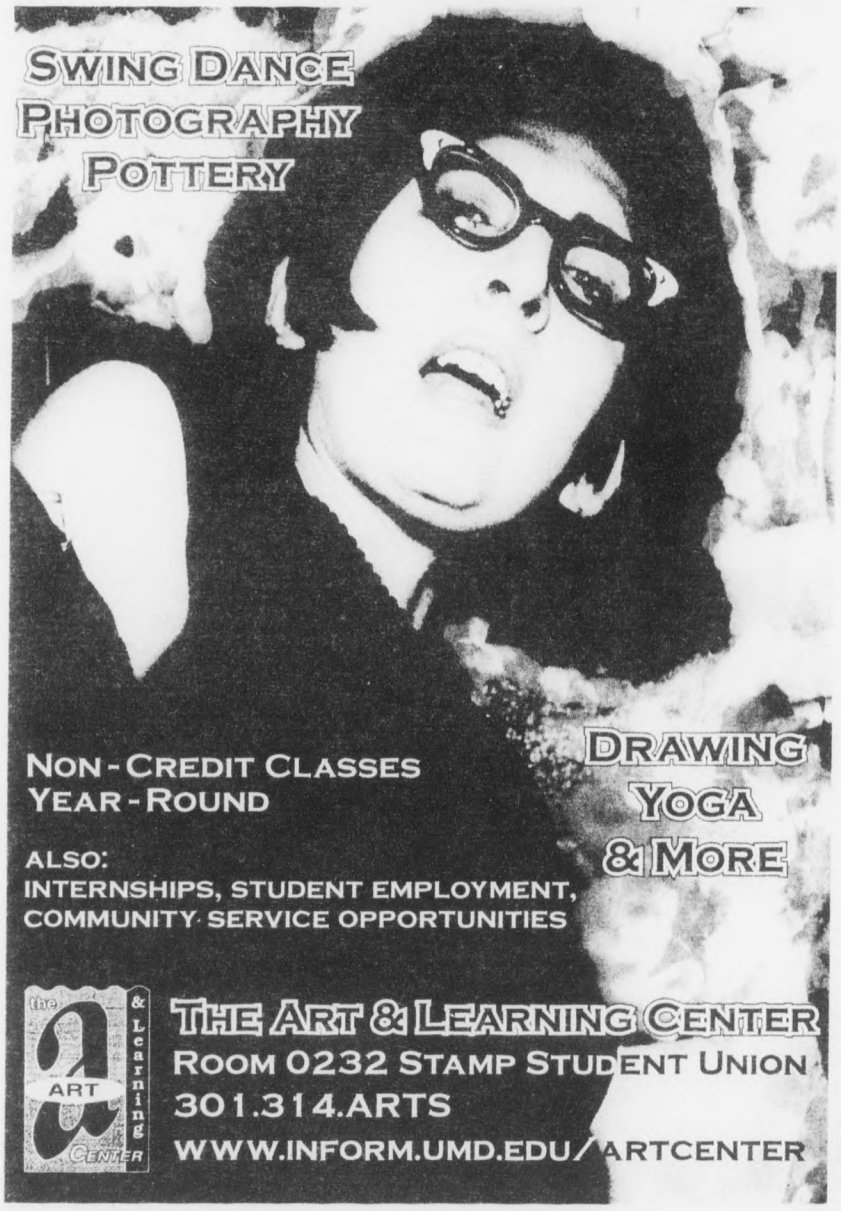

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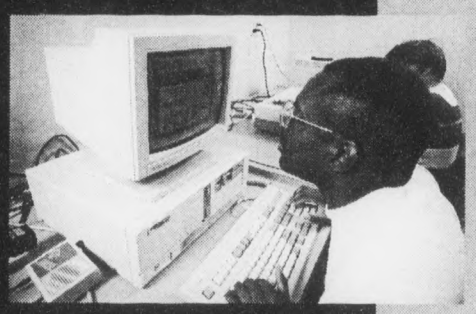
DARA - Drug and Alcohol Referral and Assessment
Created by the Center for Substance Abuse Research and the University Health Center
The Dara program of the University of Maryland is not in any way affiliated with the D.A.R.E. programs.

Spice up your summer on the Web!

Now you can access the 1999 Summer Course Schedule on the Web.

It's at www.inform.umd.edu/summer



Summer is the perfect opportunity for adding some credits so you can get ahead; or making sure you stay on track by fulfilling any requirements; or you can try something totally different and take a course outside your field of study.

So get a jump start on scheduling your summer classes. Visit the summer schedule on the web.

Look for the 1999 Summer Sessions Catalogue on campus.

Spice up your summer!

University of Maryland Office of Continuing and Extended Education

2103 Reckord Armory
College Park, MD 20742
301.405.6551 or 1.800.771.UMCP

On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus •

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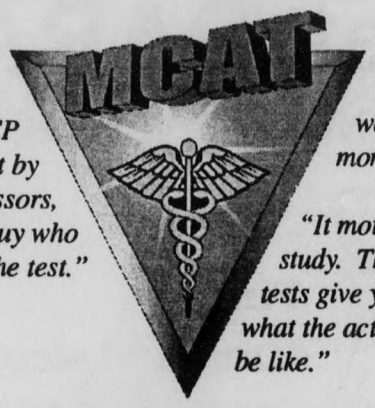

The UMCP course is taught by experienced professors, "not just some guy who took the test."

"This class was worth the money."

"It motivates you to study. The practice tests give you a feel of what the actual MCAT will be like."

Don't just sit around dreaming about medical school: take the College of Life Science's MCAT Preparation Course and get ready!

"This course has provided me with an outline of what to know for the exams."

"I liked being able to ask any question to the faculty who could appropriately and thoroughly answer it: you don't get that with other commercial review courses."

Fee: $750.00, all materials included. June 24-Aug 7 on Tu & Th evenings and two Saturays.

For more information please call the
Office of Science Outreach and Special Programs at
(301) 405-7941
http://www.life.umd.edu/evening
This MCAT Preparation Course will be administered through the University of Maryland Foundation, Inc.

So, You Want to be a Doctor...

...but you didn't take all the pre-med courses? No problem. The University of Maryland's College of Life Sciences now offers

Science in the Evening

Laboratory courses in the sciences, including:

BSCI 105	Principles of Biology I
BSCI 106	Principles of Biology II
CHEM 103	General Chemistry I
CHEM 113	General Chemistry II
CHEM 233	Organic Chemistry I
BSCI 223	General Microbiology
BSCI 424	Pathogenic Microbiology
BSCI 201	Human Anatomy & Physiology I
BSCI 230	Cell Biology & Physiology

For more information, or to register for these classes, please contact Science Outreach and Special Programs
301-405-7941, http://www.life.umd.edu/evening

Please note: these courses are only open to post-baccalaureate students or students enrolled as Continuing Education students. These self-support classes are charged at the regular part-time rate (on a per-credit basis) even for full-time students.

Place an Ad in The Official Schedule of Classes

And Watch Your Future Grow.

To Place Your Ad
Please Call (301) 405 - 6777

On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus • On Campus •

Get the MOST out of YOUR University Of Maryland

http://www.testudo.umd.edu

If You're Not HERE, You're Probably Still Standing in Line

LMARS Applications On the WEB

- Drop/Add
- Waitlist Check-In
- Student Schedule
- Grade Inquiry
- Unofficial Transcript
- Transcript Request
- Apply for Graduation
- Appointment and Registration Status
- Pin Change
- Address and E-mail Change
- Re-enrollment Status
- Graduate School Application Status
- Student Account Inquiry
- Financial Aid Check Availability
- Financial Aid Inquiry
- Display Parking Tickets

VENUS — The Ultimate Course Scheduler

Online Schedule of Classes

With CURRENT Seat Counts!

Useful Links to Campus Services and Departments

- Admissions
- Transfer Credit Center
- Campus Parking
- Commuter Affairs
- Library Services
- Housing
- Dining Services
- Career Center
- and MORE!!!

New Features

- GPA Calculator
- Let your fingers do the walking on the new Online Yellow Pages!
- Electronic Degree Auditor - Shop for a major! Do a CORE Audit!
- Meal Plan - Get information on your Meal Plan account
- Coming Soon - *REGISTRATION VENUS*

Tentative Schedule

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
9:30					
10:00					
10:30					
11:00					
11:30					
12:00					
12:30					
1:00					
1:30					
2:00					
2:30					
3:00					
3:30					
4:00					
4:30					
5:00					
5:30					
6:00					

SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:00					
8:30					
9:00					
9:30					
10:00					
10:30					
11:00					
11:30					
12:00					
12:30					
1:00					
1:30					
2:00					
2:30					
3:00					
3:30					
4:00					
4:30					
5:00					
5:30					
6:00					

DID YOU KNOW ...

THERE ARE THREE CONVENIENT SERVICES TO HELP YOU REGISTER FOR CLASSES?

DON'T WAIT IN LONG LINES! TAKE ADVANTAGE OF THESE HELPFUL RESOURCES.

TESTUDO
(WWW.TESTUDO.UMD.EDU)

Testudo, the web site developed for University of Maryland students, offers the following services. (Use the link for Records and Registration).

- schedule adjustment
  - drop and add classes
  - change course sections/grading methods
  - modify credit levels
  - add and drop waitlisted sections
  - view registration appointments/blocks
- check-in to waitlisted courses
- create, view, and print course schedules
- change PIN and address
- request transcripts
- look up transfer courses
- apply for graduation
- access the Schedule of Classes

MARS (301)403-0500

MARS, the Maryland Automated Registration System, features a wide variety of services including

- registration
- financial information
- student accounts
- campus parking applications

Hours of operation

Monday - Saturday 7:30 a.m. to 11:00 p.m.
Sunday 5:00 p.m. to 11:00 p.m.

OFFICE OF THE REGISTRAR
MITCHELL BUILDING
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD 20742

MARS KIOSKS

MARS kiosks allow students to

- drop and add classes
- check-in to waitlisted courses
- print schedules
- request transcripts
- apply for graduation
- pay student accounts
- change address

Kiosks are open daily from 7:30 a.m. to 11:30 p.m. Locations include

- Mitchell Building
- Ellicott Dining Hall
- Stamp Union
- Van Munching Hall

MWF 10:00am-10:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1109) Lab
Th 8:00am-9:15am (CHE 2120) Dis

3225 **(09316)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1112) Lab
Th 8:00am-9:15am (CHM 0124) Dis

3227 **(09317)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1111) Lab
Th 8:00am-9:15am (CHE 2116) Dis

3228 **(09318)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1109) Lab
Th 8:00am-9:15am (EGR 2112) Dis

3234 **(09319)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1109) Lab
Th 9:30am-10:45am (EGL 1204) Dis

3235 **(09320)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1110) Lab
Th 9:30am-10:45am (EGR 3111) Dis

3244 **(09321)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1109) Lab
Th 9:30am-10:45am (CHE 2118) Dis

3245 **(09322)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1110) Lab
Th 9:30am-10:45am (EGR 1102) Dis

3247 **(09323)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1110) Lab
Th 9:30am-10:45am (PLS 1162) Dis

3254 **(09324)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1106) Lab
Th 9:30am-10:45am (EGL 1202) Dis

3311 **(09325)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
M 8:00am-10:50am (CHM 1112) Lab
Tu 11:00am-12:15pm (HJP 1229) Dis

3314 **(09326)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-12:15pm (CHM 0119) Dis

3315 **(09327)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1111) Lab
Tu 11:00am-12:15pm (ARC 1103) Dis

3317 **(09328)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1112) Lab
Tu 11:00am-12:15pm (CHM 0127) Dis

3327 **(09329)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1112) Lab
Tu 11:00am-12:15pm (HBK 0103) Dis

3331 **(09330)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
W 8:00am-10:50am (CHM 1112) Lab
Tu 12:30pm-1:45pm (CHM 0127) Dis

3334 **(09331)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1112) Lab
Tu 12:30pm-1:45pm (CHM 0119) Dis

3337 **(09332)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1112) Lab
Tu 12:30pm-1:45pm (CHM 0124) Dis

3347 **(09333)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1105) Lab
Tu 12:30pm-1:45pm (CHE 2116) Dis

3348 **(09334)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1112) Lab
Tu 12:30pm-1:45pm (ARM 0102) Dis

3354 **(09335)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1112) Lab
Tu 11:00am-12:15pm (COL 3111) Dis

3411 **(09336)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1105) Lab
Th 12:30pm-1:45pm (CHM 0122) Dis

3417 **(09337)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1105) Lab
Th 12:30pm-1:45pm (CHM 0127) Dis

3418 **(09338)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1106) Lab
Th 12:30pm-1:45pm (CHE 2116) Dis

3425 **(09339)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1111) Lab
Th 12:30pm-1:45pm (ARM 0120) Dis

3427 **(09340)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1106) Lab
Th 12:30pm-1:45pm (CHE 2140) Dis

3431 **(09341)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1105) Lab
Th 2:00pm-3:15pm (CHM 0119) Dis

3437 **(09342)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1106) Lab
Th 2:00pm-3:15pm (EGR 3111) Dis

3438 **(09343)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1110) Lab
Th 2:00pm-3:15pm (CHE 2120) Dis

3447 **(09344)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1106) Lab
Th 2:00pm-3:15pm (CHE 2116) Dis

3448 **(09345)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1109) Lab
Th 2:00pm-3:15pm (CHM 0127) Dis

3511 **(09346)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 8:00am-10:50am (CHM 1110) Lab
Tu 12:30pm-1:45pm (EGR 3111) Dis

3517 **(09347)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1110) Lab
Tu 12:30pm-1:45pm (EGR 1110) Dis

3522 **(09348)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1111) Lab
Tu 12:30pm-1:45pm (PLS 1117) Dis

3527 **(09349)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1110) Lab
Tu 12:30pm-1:45pm (EGR 2112) Dis

3531 **(09350)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-3:15pm (EGR 3111) Dis

3537 **(09351)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1105) Lab
Tu 2:00pm-3:15pm (CHE 2145) Dis

3541 **(09352)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1110) Lab
Tu 2:00pm-3:15pm (ARM 0119) Dis

3542 **(09353)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1111) Lab
Tu 2:00pm-3:15pm (CHE 2118) Dis

3544 **(09354)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1111) Lab
Tu 2:00pm-3:15pm (CHE 2116) Dis

8101 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

8102 **(*****)** Chang, E.
M 6:30pm-10:30pm (CHM 1402)
W 6:30pm-9:30pm (Arranged) Lab

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

CHEM103+ General Chemistry I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.*

3147 **(09367)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1111) Lab
Th 9:30am-10:45am (EGR 0108) Dis

3344 **(09368)** STAFF
MWF 11:00am-11:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1112) Lab
Tu 12:30pm-1:45pm (JMZ 1117) Dis

3424 **(09369)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1110) Lab
Th 12:30pm-1:45pm (CHM 0119) Dis

3441 **(09370)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1106) Lab
Th 2:00pm-3:15pm (CHM 0122) Dis

3521 **(09371)** Miller, G.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1110) Lab
Tu 12:30pm-1:45pm (ARM 0120) Dis

CHEM103H General Chemistry I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* For general honors students only. Students must pay a $40.00 Laboratory Materials fee.

0317 **(09381)** Berkowitz, D.
MWF 10:00am-10:50am (CHM 1402)
M 3:00pm-5:50pm (CHM 1109) Lab
Th 8:00am-9:15am (CHM 0128) Dis

0337 **(09382)** Berkowitz, D.
MWF 10:00am-10:50am (CHM 1402)
W 3:00pm-5:50pm (CHM 1109) Lab
Th 9:30am-10:45am (EGR 3114) Dis

0354 **(09383)** Berkowitz, D.
MWF 10:00am-10:50am (CHM 1402)
F 12:00pm-2:50pm (CHM 1109) Lab
Th 8:00am-9:15am (CHM 0127) Dis

CHEM103M *(PermReq)* **General Chemistry I; (4)** REG/P-F/AUD. CORE: PL *Prerequisite: placement in MATH 110 or higher. Recommended: placement in MATH 115 or higher. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111, CHEM 143.* Prerequisite: CHEM 103 taken within twelve months of the semester in which CHEM 103M is taken. A student is eligible to take this course only if the lab scores received in CHEM 103, the last time it was taken, totalled at least 80.0 percent of the maximum possible total. These scores will count for part of the grade in CHEM 103M. Permission of department required.

3114 **(09393)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (CHM 0127) Dis

3115 **(09394)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (CHE 2140) Dis

3124 **(09395)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (CHM 0128) Dis

3125 **(09396)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (EGR 1110) Dis

3127 **(09397)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (CHE 2118) Dis

3134 **(09398)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:45am (CHE 2116) Dis

3135 **(09399)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:45am (CHE 2118) Dis

3136 **(09400)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:45am (EGL 1204) Dis

3144 **(09401)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:45am (EGR 3111) Dis

3145 **(09402)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 9:30am-10:45am (EGL 1202) Dis

3154 **(09403)** Miller, G.
MWF 8:00am-8:50am (CHM 1407)
Tu 8:00am-9:15am (CHM 0124) Dis

3214 **(09404)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (EGL 1204) Dis

3215 **(09405)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (EGR 3111) Dis

3224 **(09406)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (CHE 2120) Dis

3225 **(09407)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (CHM 0124) Dis

3227 **(09408)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (EGR 2112) Dis

3228 **(09409)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 8:00am-9:15am (EGR 2112) Dis

3234 **(09410)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (EGL 1204) Dis

3235 **(09411)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (EGR 3111) Dis

3244 **(09412)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (CHE 2118) Dis

3245 **(09413)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (EGR 1102) Dis

3247 **(09414)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (PLS 1162) Dis

3254 **(09415)** Miller, G.
MWF 10:00am-10:50am (CHM 1407)
Th 9:30am-10:45am (EGL 1202) Dis

3311 **(09416)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (CHE 2116) Dis

3314 **(09417)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (CHM 0119) Dis

3315 **(09418)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (ARC 1103) Dis

3317 **(09419)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (CHM 0127) Dis

3327 **(09420)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (HBK 0103) Dis

3331 **(09421)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:45pm (CHM 0127) Dis

3334 **(09422)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:45pm (CHM 0119) Dis

3337 **(09423)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:45pm (CHM 0124) Dis

3347 **(09424)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:45pm (CHE 2116) Dis

3348 **(09425)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 12:30pm-1:45pm (CHE 2116) Dis

3354 **(09426)** Eichhorn, B.
MWF 11:00am-11:50am (CHM 1407)
Tu 11:00am-12:15pm (COL 3111) Dis

3411 **(09427)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:45pm (CHM 0122) Dis

3417 **(09428)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:45pm (CHM 0127) Dis

3418 **(09429)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:45pm (CHE 2116) Dis

3425 **(09430)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:45pm (ARM 0120) Dis

3427 **(09431)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 12:30pm-1:45pm (CHE 2140) Dis

3431 **(09432)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-3:15pm (CHM 0119) Dis

3437 **(09433)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-3:15pm (EGR 3111) Dis

3438 **(09434)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-3:15pm (CHE 2120) Dis

3447 **(09435)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-3:15pm (CHE 2116) Dis

3448 **(09436)** Reutt-Robey, J.
MWF 12:00pm-12:50pm (CHM 1407)
Th 2:00pm-3:15pm (CHM 0127) Dis

3511 **(09437)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:45pm (EGR 3111) Dis

3517 **(09438)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:45pm (EGR 1110) Dis

3522 **(09439)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:45pm (PLS 1117) Dis

3527 **(09440)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 12:30pm-1:45pm (EGR 2112) Dis

3531 **(09441)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-3:15pm (EGR 3111) Dis

3537 **(09442)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-3:15pm (CHE 2145) Dis

3541 **(09443)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-3:15pm (ARM 0119) Dis

3542 **(09444)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-3:15pm (CHE 2118) Dis

3544 **(09445)** Boyd, A.
MWF 1:00pm-1:50pm (CHM 1407)
Tu 2:00pm-3:15pm (CHE 2116) Dis

CHEM113 General Chemistry II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

4111 **(09465)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 8:00am-10:50am (CHM 1128) Lab
M 1:00pm-1:50pm (CHE 2116) Dis

4117 **(09466)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 3:00pm-5:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0122) Dis

4124 **(09467)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHM 0124) Dis

4125 **(09468)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1208) Lab
M 1:00pm-1:50pm (ARM 0120) Dis

4127 **(09469)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1128) Lab
M 1:00pm-1:50pm (CHE 2118) Dis

4131 **(09470)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
W 8:00am-10:50am (CHM 1128) Lab
M 2:00pm-2:50pm (CHE 2136) Dis

4134 **(09471)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
W 12:00pm-2:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0102) Dis

4137 **(09472)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
W 3:00pm-5:50pm (CHM 1128) Lab
M 2:00pm-2:50pm (EGR 2112) Dis

4144 **(09473)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1128) Lab
M 2:00pm-2:50pm (CHM 2201) Dis

4145 **(09474)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1208) Lab
M 2:00pm-2:50pm (CHE 2140) Dis

4147 **(09475)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
Th 3:30pm-6:20pm (CHM 1128) Lab
M 2:00pm-2:50pm (ARM 0103) Dis

4154 **(09476)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
F 12:00pm-2:50pm (CHM 1128) Lab
M 1:00pm-1:50pm (ARM 0102) Dis

4211 **(09477)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
M 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0119) Dis

4214 **(09478)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (ARM 0102) Dis

4215 **(09479)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1128) Lab
W 1:00pm-1:50pm (ARM 0101) Dis

4217 **(09480)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1208) Lab
W 1:00pm-1:50pm (PHY 4220) Dis

4221 **(09481)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1208) Lab
W 1:00pm-1:50pm (CHM 0124) Dis

4227 **(09482)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1208) Lab
W 1:00pm-1:50pm (EGR 1110) Dis

4231 **(09483)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0119) Dis

4237 **(09484)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (CHM 0122) Dis

4241 **(09485)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1128) Lab
W 2:00pm-2:50pm (CHM 2201) Dis

4247 **(09486)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1208) Lab
W 2:00pm-2:50pm (EGR 1110) Dis

4254 **(09487)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1208) Lab
W 2:00pm-2:50pm (ARM 0102) Dis

4255 **(09488)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1111) Lab
W 2:00pm-2:50pm (EGR 3114) Dis

8101 **(*****)** Dusold, L.
M 6:30pm-10:30pm (PHY 1221)
W 6:30pm-9:30pm (Arranged) Lab

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Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

CHEM113M *(PermReq)* **General Chemistry II; (4)** REG/P-F/AUD. CORE: PL *Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115.* Prerequisite: CHEM 113 taken within twelve months of the semester in which CHEM 113M is taken. A student is eligible to take this course only if the lab scores received in CHEM 103, the last time it was taken, totalled at least 80.0 percent of the maximus possible total. These scores will count for part of the grade in CHEM 113M. Permission of the Department required.

4111 **(09500)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHE 2116) Dis

4117 **(09501)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHM 0122) Dis

4124 **(09502)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHM 0124) Dis

4125 **(09503)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (ARM 0120) Dis

4127 **(09504)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (CHE 2118) Dis

4131 **(09505)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHE 2136) Dis

4134 **(09506)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (ARM 0102) Dis

4137 **(09507)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (EGR 2112) Dis

4144 **(09508)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHM 2201) Dis

4145 **(09509)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHE 2136) Dis

4147 **(09510)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 2:00pm-2:50pm (CHE 2136) Dis

4154 **(09511)** Tossell, J.
TuTh 8:00am-9:15am (CHM 1407)
M 1:00pm-1:50pm (ARM 0102) Dis

4211 **(09512)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0119) Dis

4214 **(09513)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0102) Dis

4215 **(09514)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0101) Dis

4217 **(09515)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (PHY 4220) Dis

4221 **(09516)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0124) Dis

4227 **(09517)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 1:00pm-1:50pm (EGR 1110) Dis

4231 **(09518)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 0119) Dis

4237 **(09519)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 0122) Dis

4241 **(09520)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (CHM 2201) Dis

4247 **(09521)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (EGR 1110) Dis

4254 **(09522)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0102) Dis

4255 **(09523)** DeVoe, H.
TuTh 11:00am-12:15pm (CHM 1407)
W 2:00pm-2:50pm (EGR 3114) Dis

CHEM133 General Chemistry for Engineers; (4) REG/P-F/AUD. *Prerequisite: one year of high school chemistry. Corequisite: MATH 140. For ENGR majors only. Not open to students who have completed CHEM 102, CHEM 103, CHEM 107, CHEM 111, CHEM 113, CHEM 143 or CHEM 153.* Students must pay a $40.00 Laboratory Materials fee.

6117 **(09533)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1119) Lab
M 11:00am-11:50am (ARM 0101) Dis

6121 **(09534)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1119) Lab
M 11:00am-11:50am (ARM 0119) Dis

6124 **(09535)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 12:30pm-3:20pm (CHM 1122) Lab
M 11:00am-11:50am (CHE 2120) Dis

6127 **(09536)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Tu 3:30pm-6:20pm (CHM 1119) Lab
M 11:00am-11:50am (CHE 2118) Dis

6131 **(09537)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (CHM 0122) Dis

6137 **(09538)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0101) Dis

6138 **(09539)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1122) Lab
M 12:00pm-12:50pm (CHE 2116) Dis

6141 **(09540)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 8:00am-10:50am (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0103) Dis

6144 **(09541)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1122) Lab
M 12:00pm-12:50pm (CHM 2201) Dis

6145 **(09542)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 12:30pm-3:20pm (CHM 1119) Lab
M 12:00pm-12:50pm (CHE 2140) Dis

6147 **(09543)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
Th 3:30pm-6:20pm (CHM 1119) Lab
M 12:00pm-12:50pm (ARM 0118) Dis

6151 **(09544)** DeVoe, H.
MWF 2:00pm-2:50pm (CHM 1407)
F 8:00am-10:50am (CHM 1122) Lab
M 11:00am-11:50am (BPS 1234) Dis

CHEM143 General and Analytical Chemistry I; (5) REG/P-F/AUD. *Prerequisite: placement in MATH 115 or higher. For CHEM majors only. Credit will be granted for only one of the following: CHEM 103, CHEM 122, CHEM 102, CHEM 143.* Students must pay a $40.00 Laboratory Materials fee.

0031 **(09554)** Moore, J.
MWF 9:00am-9:50am (CHM 1402)
MW 12:00pm-3:00pm (CHM 1212) Lab
Tu 11:00am-12:15pm (EGR 3114) Dis

0032 **(09555)** Moore, J.
MWF 9:00am-9:50am (CHM 1402)
TuTh 8:00am-10:50am (CHM 1212) Lab
Tu 11:00am-12:15pm (JMZ 0118) Dis

0033 **(09556)** Moore, J.
MWF 9:00am-9:50am (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 1212) Lab
Tu 11:00am-12:15pm (CHM 2201) Dis

CHEM227 Inorganic and Analytical Chemistry Lab; (4) REG/P-F/AUD. *Prerequisite: CHEM 113.* Students must pay a $40.00 Laboratory Materials fee.

1417 **(09566)** Ondov, J.
MW 2:00pm-2:50pm (CHM 1402)
MW 3:00pm-5:50pm (CHM 3226) Lab

1424 **(09567)** Ondov, J.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 12:30pm-3:20pm (CHM 3226) Lab

1427 **(09568)** Ondov, J.
MW 2:00pm-2:50pm (CHM 1402)
TuTh 3:30pm-6:20pm (CHM 3226) Lab

CHEM233 Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

7114 **(09578)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1215) Lab
Tu 12:30pm-1:45pm (ARM 0101) Dis

7115 **(09579)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
M 12:00pm-2:50pm (CHM 1221) Lab
Tu 12:30pm-1:45pm (COL 3111) Dis

7117 **(09580)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1215) Lab
Tu 12:30pm-1:45pm (BPS 1124) Dis

7118 **(09581)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
M 3:00pm-5:50pm (CHM 1221) Lab
Tu 12:30pm-1:45pm (CSS 2416) Dis

7121 **(09582)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1215) Lab
Tu 12:30pm-1:45pm (HJP 1229) Dis

7122 **(09583)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 8:00am-10:50am (CHM 1221) Lab
Tu 12:30pm-1:45pm (HBK 0125) Dis

7134 **(09584)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1221) Lab
Tu 2:00pm-3:15pm (CHM 0119) Dis

7135 **(09585)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
W 12:00pm-2:50pm (CHM 1215) Lab
Tu 2:00pm-3:15pm (CHM 0127) Dis

7137 **(09586)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
W 3:00pm-5:50pm (CHM 1221) Lab
Tu 2:00pm-3:15pm (PHY 1219) Dis

7141 **(09587)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Th 8:00am-10:50am (CHM 1221) Lab
Tu 2:00pm-3:15pm (EGR 1110) Dis

7144 **(09588)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1221) Lab
Tu 2:00pm-3:15pm (EGR 3114) Dis

7145 **(09589)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1227) Lab
Tu 2:00pm-3:15pm (JMZ 2120) Dis

7146 **(09590)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Th 12:30pm-3:20pm (CHM 1215) Lab
Tu 2:00pm-3:15pm (JMP 1109) Dis

7154 **(09591)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
F 12:00pm-2:50pm (CHM 1227) Lab
Tu 2:00pm-3:15pm (JMZ 1109) Dis

7157 **(09592)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1215) Lab
Tu 12:30pm-1:45pm (ARC 1105) Dis

7158 **(09593)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
F 3:00pm-5:50pm (CHM 1221) Lab
Tu 12:30pm-1:45pm (TWS 0131) Dis

7214 **(09594)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0122) Dis

7217 **(09595)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1227) Lab
M 8:00am-8:50am (CHM 0124) Dis

7221 **(09596)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (CHM 0119) Dis

7231 **(09597)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (CHM 0122) Dis

7232 **(09598)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1221) Lab
M 9:00am-9:50am (ARM 0105) Dis

7233 **(09599)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHM 2201) Dis

7234 **(09600)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 12:00pm-2:50pm (CHM 1227) Lab
M 9:00am-9:50am (ARM 0101) Dis

7237 **(09601)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1227) Lab
M 9:00am-9:50am (CHE 2116) Dis

7238 **(09602)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1215) Lab
M 9:00am-9:50am (CHE 2118) Dis

7241 **(09603)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1215) Lab
M 9:00am-9:50am (CHE 2120) Dis

7242 **(09604)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
Th 8:00am-10:50am (CHM 1227) Lab
M 9:00am-9:50am (CHE 2145) Dis

7251 **(09605)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1227) Lab
M 8:00am-8:50am (ARM 0101) Dis

7252 **(09606)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1221) Lab
M 8:00am-8:50am (ARM 0103) Dis

7253 **(09607)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 8:00am-10:50am (CHM 1215) Lab
M 8:00am-8:50am (CHE 2118) Dis

7254 **(09608)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1215) Lab
M 8:00am-8:50am (CHE 2120) Dis

7255 **(09609)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1221) Lab
M 8:00am-8:50am (CHE 2145) Dis

8101 **(*****)** Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1184) Dis

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8102 **(*****)** Fribush, H.
M 6:30pm-9:30pm (PLS 1130)
W 7:30pm-9:30pm (Arranged) Lab
W 6:30pm-7:30pm (PLS 1168) Dis

Section 8102 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccaluareate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Science Outreach and Special Programs, 0216 Symons Hall; phone (301)405-7941; email: evening@life.umd.edu.

CHEM233M *(PermReq)* **Organic Chemistry I; (4)** REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 255.* Prerequisite: CHEM 233 taken within twelve months of the semester in which CHEM 233M is taken. A student is eligible to take this course only if the lab scores received in CHEM 233, the last time it was taken, totalled at least 80.0 percent of the maximum possible total. These scores will count for part of the grade in CHEM 233M. Permission of the department required.

7114 **(09622)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (ARM 0101) Dis

7115 **(09623)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (COL 3111) Dis

7117 **(09624)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (BPS 1124) Dis

7118 **(09625)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (CSS 2416) Dis

7121 **(09626)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (HJP 1229) Dis

7122 **(09627)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (HBK 0125) Dis

7134 **(09628)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (CHM 0119) Dis

7135 **(09629)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (CHM 0127) Dis

7137 **(09630)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (PHY 1219) Dis

7141 **(09631)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (EGR 1110) Dis

7144 **(09632)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (EGR 3114) Dis

7145 **(09633)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (JMZ 2120) Dis

7146 **(09634)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (JMP 1109) Dis

7154 **(09635)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 2:00pm-3:15pm (JMZ 1109) Dis

7157 **(09636)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (ARC 1105) Dis

7158 **(09637)** Davis, J.
MWF 9:00am-9:50am (CHM 1407)
Tu 12:30pm-1:45pm (TWS 0131) Dis

7214 **(09638)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0122) Dis

7217 **(09639)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0124) Dis

7221 **(09640)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHM 0119) Dis

7231 **(09641)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHM 0122) Dis

7232 **(09642)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (ARM 0105) Dis

7233 **(09643)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHM 2201) Dis

7234 **(09644)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (ARM 0101) Dis

7237 **(09645)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2116) Dis

7238 **(09646)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2118) Dis

7241 **(09647)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2120) Dis

7242 **(09648)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 9:00am-9:50am (CHE 2145) Dis

7251 **(09649)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (ARM 0101) Dis

7252 **(09650)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (ARM 0103) Dis

7253 **(09651)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2118) Dis

7254 **(09652)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2120) Dis

7255 **(09653)** Ammon, H.
TuTh 2:00pm-3:15pm (CHM 1407)
M 8:00am-8:50am (CHE 2145) Dis

CHEM237 Principles of Organic Chemistry I; (4) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or permission of department. For CHEM, BCHM, and ENCH majors and honors students only. Credit will be granted for only one of the following: CHEM 233, CHEM 235 or CHEM 237.* Students must pay a $40.00 Laboratory Materials fee.

0734 **(09663)** Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
W 12:00pm-2:50pm (CHM 1216) Lab
Tu 2:00pm-3:15pm (CHM 0122) Dis

0737 **(09664)** Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
W 3:00pm-5:50pm (CHM 1216) Lab
Tu 2:00pm-3:15pm (COL 3112) Dis

0744 **(09665)** Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
Th 12:30pm-3:20pm (CHM 1216) Lab
Tu 2:00pm-3:15pm (CHM 0124) Dis

0747 **(09666)** Rokita, S.
MWF 9:00am-9:50am (CHM 0128)
Th 3:30pm-6:20pm (CHM 1216) Lab
Tu 2:00pm-3:15pm (MTH B0431) Dis

CHEM243 Organic Chemistry II; (4) REG/P-F/AUD. *Prerequisite: CHEM 233 with a grade of C or better. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Laboratory sessions will begin after the first lecture. Students must pay a $40.00 Laboratory Materials fee.

8114 **(09676)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (CSS 0201) Dis

8115 **(09677)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
M 12:00pm-2:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (CHM 0122) Dis

8117 **(09678)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1224) Lab
W 1:00pm-1:50pm (PHY 0405) Dis

8118 **(09679)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
M 3:00pm-5:50pm (CHM 1233) Lab
W 1:00pm-1:50pm (ARM 0105) Dis

8121 **(09680)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1224) Lab
W 1:00pm-1:50pm (CHE 2140) Dis

8122 **(09681)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
Tu 8:00am-10:50am (CHM 1233) Lab
W 1:00pm-1:50pm (ARM 0120) Dis

8131 **(09682)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1224) Lab
W 2:00pm-2:50pm (CHE 2140) Dis

8132 **(09683)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 8:00am-10:50am (CHM 1233) Lab
W 2:00pm-2:50pm (ARM 0105) Dis

8137 **(09684)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 3:00pm-5:50pm (CHM 1224) Lab
W 2:00pm-2:50pm (ARM 0121) Dis

8141 **(09685)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
Th 8:00am-10:50am (CHM 1233) Lab
W 2:00pm-2:50pm (ARM 0120) Dis

8151 **(09686)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
F 8:00am-10:50am (CHM 1224) Lab
W 2:00pm-2:50pm (PHY 1219) Dis

8154 **(09687)** Morehead, A.

TuTh 12:30pm-1:45pm (CHM 1407)
F 12:00pm-2:50pm (CHM 1224) Lab
W 2:00pm-2:50pm (ARM 0119) Dis

CHEM243M *(PermReq)* **Organic Chemistry II; (4)** REG/P-F/AUD. *Prerequisite: CHEM 233 with a grade of C or better. Credit will be granted for only one of the following: CHEM 243 or CHEM 247.* Prerequisite: CHEM 243 taken within twelve months of the semester in which CHEM 243M is taken. A student is eligible to take this course only if the lab scores received in CHEM 243, the last time it was taken, totalled at least 80.0 percent of the maximum possible total. These scores will count for part of the grade in CHEM 243M. Permission of the department required.
8114 **(09697)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CSS 0201) Dis
8115 **(09698)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHM 0122) Dis
8117 **(09699)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (PHY 0405) Dis
8118 **(09700)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0105) Dis
8121 **(09701)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (CHE 2140) Dis
8122 **(09702)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 1:00pm-1:50pm (ARM 0120) Dis
8131 **(09703)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (CHE 2140) Dis
8132 **(09704)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0105) Dis
8137 **(09705)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0121) Dis
8141 **(09706)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0120) Dis
8151 **(09707)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (PHY 1219) Dis
8154 **(09708)** Morehead, A.
TuTh 12:30pm-1:45pm (CHM 1407)
W 2:00pm-2:50pm (ARM 0119) Dis

CHEM287 Computer Programming for the Biological and Chemical Sciences; (4) REG/P-F/AUD. *Prerequisite: one year of college chemistry or biological science.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(09718)** Murphy, T.
MWF 11:00am-11:50am (CHM 0128)
Time and room to be arranged Lab

CHEM398 *(PermReq)* **Special Projects; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Consult with Dr. Berkowitz.

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Berkowitz.

CHEM399A *(PermReq)* **Introduction to Chemical Research; (1)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHEM399B *(PermReq)* **Introduction to Chemical Research; (2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHEM399C *(PermReq)* **Introduction to Chemical Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHEM399X *(PermReq)* **Introduction to Chemical Research: Practicum in Chemistry Teaching; (2)** REG/P-F/AUD.
0101 **(09818)** Berkowitz, D.
Time and room to be arranged

CHEM401 Inorganic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 243 or CHEM 247.*
0101 **(09828)** Sita, L.
MWF 10:00am-10:50am (CHM 0128)

CHEM403 Radiochemistry; (3) REG/P-F/AUD. *Prerequisite: one year of college chemistry and one year of college physics.*
0101 **(09838)** Mignerey, A.
MWF 12:00pm-12:50pm (CHM 0128)

CHEM425 Instrumental Methods of Analysis; (3) REG/P-F/AUD. *Prerequisite: CHEM 227 or CHEM 153.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(09848)** Lee, C.
Tu 8:00am-8:50am (CHM 0122)
MW 12:00pm-2:50pm (Arranged) Lab
0102 **(09849)** Lee, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 12:30pm-3:20pm (Arranged) Lab
0104 **(09850)** Lee, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 9:30am-11:50am (Arranged) Lab
0109 **(09851)** Lee, C.
Tu 8:00am-8:50am (CHM 0122)
TuTh 6:30pm-9:20pm (Arranged) Lab

CHEM441 Advanced Organic Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*
0101 **(09861)** Isaacs, L.
MWF 8:00am-8:50am (CHM 0128)

CHEM474 Environmental Chemistry; (3) REG/P-F/AUD. *Prerequisite: CHEM 481 or equivalent.*
0101 **(09871)** Helz, G.
MWF 1:00pm-1:50pm (CHM 0128)

CHEM481 Physical Chemistry I; (3) REG/P-F/AUD. *Prerequisite: CHEM 113 or CHEM 153 or CHEM 133; and MATH 141; and PHYS 142.*
0101 **(09881)** Murphy, T.
MWF 8:00am-8:50am (CHM 0115)
0201 **(09882)** Murphy, T.
MWF 9:00am-9:50am (CHM 0115)

CHEM482 Physical Chemistry II; (3) REG/P-F/AUD. *Prerequisite: CHEM 481.*
0101 **(09892)** Thirumalai, D.
MWF 8:00am-8:50am (CHM 1402)

CHEM483 Physical Chemistry Laboratory I; (2) REG/P-F/AUD. *Corequisite: CHEM 481.* Students must pay a $40.00 Laboratory Materials fee.
0114 **(09902)** Rebbert, R.
M 2:00pm-5:00pm (Arranged) Lab
M 1:00pm-1:50pm (CHM 1402) Dis
0124 **(09903)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 12:30pm-1:20pm (CHM 1402) Dis
0134 **(09904)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 1402) Dis
0144 **(09905)** Rebbert, R.
Th 2:00pm-5:00pm (Arranged) Lab
Th 12:30pm-1:20pm (CHM 1402) Dis

CHEM484 Physical Chemistry Laboratory II; (2) REG/P-F/AUD. *Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482.* Students must pay a $40.00 Laboratory Materials fee.
0124 **(09915)** Rebbert, R.
Tu 2:00pm-5:00pm (Arranged) Lab
Tu 12:30pm-1:20pm (CHM 2201) Dis
0134 **(09916)** Rebbert, R.
W 2:00pm-5:00pm (Arranged) Lab
W 1:00pm-1:50pm (CHM 2201) Dis

CHEM492 Advanced Inorganic Chemistry Laboratory; (3) REG/P-F/AUD. CORE: CS *Corequisite: CHEM 401.* Students must pay a $40.00 Laboratory Materials fee.
0101 **(09926)** Grim, S.
Tu 11:00am-11:50am (CHM 0124)
TuTh 12:30pm-4:30pm (CHM 1228) Lab

CHEM498A Special Topics in Chemistry: Electronics for Chemists; (3) REG/P-F/AUD.
0101 **(09936)** STAFF
TuTh 9:30am-10:20am (CHE 2120)
Time and room to be arranged Lab

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; (3) REG/P-F/AUD.
0101 **(09946)** Boyd, A.
MWF 9:00am-9:50am (CHM 0124)

CHEM601 Advanced Inorganic Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 401 or equivalent.*
0101 **(09956)** Evans, D.
MWF 10:00am-10:50am (CHM 2201)

CHEM623 Optical Methods of Quantitative Analysis; (3) REG/AUD. *Prerequisites: CHEM 421 and CHEM 482 or equivalent.*
0101 **(09966)** Blough, N.
MWF 2:00pm-2:50pm (CHM 0128)

CHEM640 Problems in Organic Reaction Mechanisms; (1) REG/AUD.
0101 **(09976)** DeShong, P.
F 12:00pm-12:50pm (CHM 2201)

CHEM641 Organic Reaction Mechanisms; (3) REG/AUD.
0101 **(09986)** Isaacs, L.
MWF 8:00am-8:50am (CHM 2201)

CHEM648B Special Topics in Organic Chemistry: Photochemistry; (1-3) REG/AUD.
0101 **(09996)** Falvey, D.
TuTh 5:00pm-6:20pm (CHM 0122)

CHEM648X Special Topics in Organic Chemistry: Library Research; (1) REG/AUD.
0101 **(10016)** DeShong, P.
Th 12:30pm-1:20pm (CHM 2201)

CHEM684 Chemical Thermodynamics; (3) REG/AUD. *Prerequisite: CHEM 482 or equivalent.*
0101 **(10026)** Alexander, M.
TuTh 9:30am-10:45am (CHM 0128)

CHEM690 Quantum Chemistry I; (3) REG/AUD. *Prerequisite: CHEM 485.*
0101 **(10036)** Walker, R.
MWF 12:00pm-12:50pm (CHM 0124)

CHEM699 Special Problems in Chemistry; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates.

CHEM701 Teaching Chemistry; (1) S-F. *For LFSC graduate students only.*
0101 **(10091)** Berkowitz, D.
Tu 11:00am-11:50am (PLS 1113)
0102 **(10092)** Berkowitz, D.
F 3:00pm-3:50pm (CHM 0124)

CHEM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHEM898A Seminar; (1) REG/AUD.
0101 **(10147)** Ondov, J.
F 3:00pm-5:00pm (CHM 0128)

CHEM898C Seminar: Inorganic; (1) REG/AUD.
0101 **(10157)** Sita, L.
Tu 2:00pm-2:50pm (CHM 0128)

CHEM898D Seminar: Organic; (1) REG/AUD.
0101 **(10167)** DeShong, P.
Th 11:00am-12:30pm (CHM 0127)

CHEM898E Seminar: Physical Chemistry; (1) REG/AUD.
0101 **(10177)** Alexander, M.
W 4:00pm-5:00pm (CHM 1325)

CHEM898F Seminar: Chemical Physics; (1) REG/AUD.
0101 **(10187)** Alexander, M.
W 4:00pm-5:00pm (CHM 1325)

CHEM898G Seminar: Physical Organic; (1) REG/AUD.
0101 **(10197)** Falvey, D.
Time and room to be arranged

CHEM898J Seminar: Natural Products; (1) REG/AUD.
0101 **(10207)** Jarvis, B.
Time and room to be arranged

CHEM898M Seminar: Materials Chemistry; (1) REG/AUD.
0101 **(10217)** Eichhorn, B.
Time and room to be arranged

CHEM898N Seminar: Phosphorus Chemistry; (1) REG/AUD.
0101 **(10227)** Grim, S.
Time and room to be arranged

CHEM898O Seminar: Natural Water; (1) REG/AUD.
0101 **(10237)** Helz, G.
Time and room to be arranged

CHEM898P Seminar: Structure and Reactivity of Biopolymers; (1) REG/AUD.
0101 **(10247)** Rokita, S.
Time and room to be arranged

CHEM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CHIN Chinese
(Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 *(PermReq)* **Intensive Elementary Chinese I; (6)** REG/P-F/AUD. *Non-majors admitted only after a placement interview.*
0101 **(10351)** Brown, W.
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 0122) Dis
0102 **(10352)** Brown, W.
MWF 9:00am-9:50am (JMZ 0122)
MWF 10:00am-10:50am (JMZ 3203) Dis
0201 **(10353)** Lee, J.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0122) Dis
0202 **(10354)** Lee, J.
MWF 1:00pm-1:50pm (JMZ 0122)
MWF 2:00pm-2:50pm (JMZ 0120) Dis

CHIN105 *(PermReq)* **Elementary Chinese - Accelerated Track; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Not open to students who have completed CHIN 101, CHIN 102, or CHIN 103.*
0101 **(10364)** Lee, J.
MWF 11:00am-11:50am (JMZ 0120)

CHIN201 *(PermReq)* **Intermediate Spoken Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(10374)** Liu, J.
MWF 2:00pm-2:50pm (JMZ 1103)

CHIN202 *(PermReq)* **Intermediate Written Chinese I; (3)** REG/P-F/AUD. CORE: HO *Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(10384)** McGinnis, S.
MWF 1:00pm-1:50pm (JMZ 0120)

CHIN301 *(PermReq)* **Advanced Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(10394)** Shen, H.
MWF 11:00am-11:50am (JMZ 0122)

CHIN305 *(PermReq)* **Life in China through TV Plays I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 203, CHIN 204 or permission of department.*
0101 **(10404)** Lee, J.
MWF 10:00am-10:50am (JMZ 2125)

CHIN314 Chinese Fiction and Drama in Translation; (3) REG/P-F/AUD.
0101 **(10414)** Brown, W.
MWF 12:00pm-12:50pm (JMZ 0120)

CHIN401 *(PermReq)* **Readings in Modern Chinese I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent. Non-majors admitted only after a placement interview.*
0101 **(10424)** Shen, H.
MWF 10:00am-10:50am (JMZ 1109)

CHIN411 Business Chinese I; (3) REG/P-F/AUD. *Prerequisite: CHIN 402 or permission of department. Non-majors admitted only after a placement interview. Not open to students who have completed CHIN 303.*
0101 **(10434)** Shen, H.
MWF 2:00pm-2:50pm (JMZ 1120)

CHIN413 Advanced Conversation and Composition; (3) REG/P-F/AUD. *Prerequisite: CHIN 402 or permission of department. Non-majors admitted only after a placement interview. Not open to students who have completed CHIN 405.*
0101 **(10444)** Shen, H.
MWF 1:00pm-1:50pm (JMZ 1104)

CHIN422 Advanced Chinese Grammar; (3) REG/P-F/AUD.
0101 **(10454)** McGinnis, S.
MWF 9:00am-9:50am (JMZ 1120)

CHIN431 *(PermReq)* **Translation and Interpretation I; (3)** REG/P-F/AUD. *Prerequisite: CHIN 302 or equivalent and permission of department.*
0101 **(10464)** Brown, W.
MWF 11:00am-11:50am (JMZ 1123)

CHIN442 *(PermReq)* **Modern Chinese Fiction; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(10474)** Liu, J.
MWF 3:00pm-3:50pm (JMZ 1215)

CHIN499 *(PermReq)* **Directed Study in Chinese; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CHPH Chemical Physics
(Computer, Mathematical and Physical Sciences)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; (1) REG/AUD.
0101 **(10538)** Alexander, M.
W 4:00pm-5:00pm (CHM 1325)

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(10548)** STAFF
Tu 1:15pm-2:30pm (IPT 1116)

CHPH709C Seminar in Chemical Physics: Optical Interactions with Atoms, Molecules, and Plasmas; (1) REG/AUD.
0101 **(10558)** STAFF
F 4:00pm-5:15pm (IPT 1116)

CHPH718A Special Topics in Chemical Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(10568)** Williams, E.
M 4:00pm-5:00pm (PHY 2120)
F 4:00pm-6:00pm (PHY 1402)

CHPH718B Special Topics in Chemical Physics: Fundamentals of Atomic, Molecular, and Optical Interactions; (3) REG/AUD.
0101 **(10578)** Hill, W.
WF 9:30am-10:45am (PHY 1204)

CHPH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CHPH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CLAS Classics
(Arts and Humanities)

CLAS170 Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL Taught in English.
0101 **(10688)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (TYD 1132) Dis
0102 **(10689)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 10:00am-10:50am (ARM 0118) Dis
0103 **(10690)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 11:00am-11:50am (HJP 1229) Dis
0104 **(10691)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 12:00pm-12:50pm (JMP 2202) Dis
0105 **(10692)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
Th 1:00pm-1:50pm (JMZ 1122) Dis
0106 **(10693)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (CHM 0124) Dis
0107 **(10694)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 10:00am-10:50am (SKN 0104) Dis
0108 **(10695)** Stehle, E.
MW 10:00am-10:50am (MMH 1400)
F 12:00pm-12:50pm (WDS 0104) Dis
0201 **(10696)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (ARM 0121) Dis
0202 **(10697)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 10:00am-10:50am (HJP 1229) Dis
0203 **(10698)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 11:00am-11:50am (JMP 2202) Dis
0204 **(10699)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 9:00am-9:50am (ARM 0120) Dis
0205 **(10700)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 9:00am-9:50am (MMH 0108) Dis
0206 **(10701)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 11:00am-11:50am (SKN 1115) Dis
0207 **(10702)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
Th 12:00pm-12:50pm (HJP 1229) Dis

CLAS170+ Greek and Roman Mythology; (3) REG/P-F/AUD. CORE: HL Restricted to students in a First Year Focus Cluster.
0204 **(10712)** Stehle, E.
MW 11:00am-11:50am (MMH 1400)
F 9:00am-9:50am (ARM 0120) Dis

CLAS270 Greek Literature in Translation; (3) REG/P-F/AUD. CORE: HL
0101 **(10722)** Doherty, L.
MW 12:00pm-12:50pm (HJP 2242)
F 10:00am-10:50am (MMH 0108) Dis
0102 **(10723)** Doherty, L.
MW 12:00pm-12:50pm (HJP 2242)
F 12:00pm-12:50pm (MMH 0108) Dis
0103 **(10724)** Doherty, L.
MW 12:00pm-12:50pm (HJP 2242)
F 1:00pm-1:50pm (MMH 3418) Dis

CLAS315 Greek and Roman Athletics; (3) REG/P-F/AUD.
0101 **(10734)** Lee, H.
TuTh 12:30pm-1:50pm (MMH 3418)

CLAS420 The Classical Tradition; (3) REG/P-F/AUD.
0101 **(10744)** Dietrich, J.
MWF 11:00am-11:50am (MMH 0108)

CLAS470 Advanced Greek and Roman Mythology; (3) REG/P-F/AUD. *Prerequisite: CLAS 170 or permission of department.*
0101 **(10754)** Staley, G.
TuTh 2:00pm-3:30pm (MMH 3418)

CLAS499 Independent Study in Classical Languages and Literatures; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

CLAS799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

CMLT Comparative Literature
(Arts and Humanities)

CMLT214 Film Form and Culture; (3) REG/P-F/AUD. CORE: HA
0101 **(10830)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 10:00am-10:50am (SQH 1123) Dis
0102 **(10831)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 11:00am-11:50am (SQH 1103) Dis
0103 **(10832)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 1:00pm-1:50pm (SQH 2120) Dis
0104 **(10833)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT214+ Film Form and Culture; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster.
0104 **(10843)** STAFF
MW 1:00pm-3:00pm (SQH 1120)
F 2:00pm-2:50pm (SQH 2120) Dis

CMLT235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(10853)** STAFF
TuTh 2:00pm-3:15pm (SQH 1117)

CMLT270 Global Literature and Social Change; (3) REG. CORE: HL DIVERSITY
0101 **(10863)** STAFF
MW 12:30pm-1:45pm (DNC 1143)
0201 **(10864)** STAFF
MW 2:00pm-3:15pm (HBK 1108)
0301 **(10865)** STAFF
TuTh 11:00am-12:15pm (HBK 1108)
0401 **(10866)** STAFF
TuTh 12:30pm-1:45pm (SQH 2121)
0501 **(10867)** STAFF
TuTh 9:30am-10:45am (KEY 0120)
0601 **(10868)** STAFF
TuTh 2:00pm-3:15pm (VMH 1206)

CMLT275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 275. Credit will be granted for only one of the following: CMLT 275 or WMST 275.*
0101 **(10878)** STAFF
MW 9:30am-10:45am (ARC 1101)
0201 **(10879)** STAFF
MW 2:00pm-3:15pm (SQH 2121)
0301 **(10880)** STAFF
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(10881)** STAFF
TuTh 3:30pm-4:45pm (WDS 1131)

CMLT277 Literatures of the Americas; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(10891)** STAFF
MW 2:00pm-3:15pm (KEY 0123)

CMLT280 Film Art in a Global Society; (3) REG/P-F/AUD. CORE: HA DIVERSITY *Prerequisite: CMLT 214 or equivalent.*
0101 **(10901)** STAFF
TuTh 11:00am-12:15pm (SQH 1103)
M 6:30pm-9:00pm (SQH 1120) Lab
0201 **(10902)** STAFF
TuTh 2:00pm-3:15pm (SQH 1101)
M 6:30pm-9:00pm (SQH 1120) Lab
0301 **(10903)** STAFF
MW 2:00pm-3:15pm (SQH 2120)
M 6:30pm-9:00pm (SQH 1120) Lab

CMLT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(10913)** STAFF
Time and room to be arranged

CMLT488G *(PermReq)* **Genres: Screenwriting I; (3)** REG/P-F/AUD.
0101 **(10923)** Lifton, M.
Tu 3:30pm-6:30pm (SQH 2119)

CMLT488L Genres: Advertising and Global Culture; (3) REG/P-F/AUD.
0101 **(10933)** Robinson, E.
TuTh 12:30pm-1:45pm (ASY 3207)

CMLT498C Selected Topics in Comparative Studies: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(10943)** Fuegi, J.
Tu 1:00pm-4:00pm (HBK 0109)

CMLT498D Selected Topics in Comparative Studies: The Short Story from George Sand to Le Clezio:Short Fiction in French from the 19th and 20th Centuries; (3) REG/P-F/AUD.
0101 **(10953)** Hage, M.
TuTh 12:30pm-1:45pm (JMZ 1120)

CMLT498G Selected Topics in Comparative Studies: Digital Narrative; (3) REG/P-F/AUD. Students who have taken "Digital Strategies" (CMLT 498G) are not permitted in "Digital Narrative" (CMLT 498G).
0101 **(10963)** Lifton, M.
Th 3:30pm-6:00pm (CSS 1410)

CMLT498L Selected Topics in Comparative Studies: Sexuality in the Cinema; (3) REG/P-F/AUD.
0101 **(10973)** Robinson, E.
TuTh 9:30am-10:45am (LEF 1221)

CMLT498P Selected Topics in Comparative Studies: The Computer and the Text; (3) REG/P-F/AUD.
0101 **(10983)** Kolker, R.
TuTh 2:00pm-3:15pm (EGR 3140)

CMLT498W Selected Topics in Comparative Studies: Brazilian Cinema (in Translation); (3) REG/P-F/AUD.
0101 **(10993)** Peres, P.
MW 1:00pm-2:50pm (JMZ 2120)

CMLT600 *(PermReq)* **Introduction to Critical Theory; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(11003)** STAFF
M 3:30pm-6:00pm (SQH 2122)

CMLT679C Topics in Comparative Studies: Film and Video Across the Curriculum; (3) REG/AUD.
0101 **(11013)** Fuegi, J.
M 6:30pm-9:00pm (SQH 2123)

CMLT679D Topics in Comparative Studies: Text and Pre-Text: Caribbean Literature Multi-cultural Perspective; (3) REG/AUD.
0101 **(11023)** Collins, M.
Th 3:30pm-6:00pm (SQH 2119)

CMLT679Z Topics in Comparative Studies: The Art and Science of Digital Narration; (3) REG/AUD.
0101 **(11033)** Lifton, M.
Th 3:00pm-6:00pm (ASY 3311E)

CMLT699 *(PermReq)* **Independent Study; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT702 Cultures of Theory; (3) REG. *Prerequisite: an introductory course in critical theory.*
0101 **(11071)** Peres, P.
M 4:30pm-7:00pm (JMZ 2120)

CMLT788A Practicum in Comparative Studies: Teaching Practicum; (1) S-F.
0101 **(11081)** STAFF
Time and room to be arranged

CMLT798 *(PermReq)* **Critical Theory Colloquium; (1)** S-F.
0101 **(11091)** Wang, Q.
F 1:00pm-3:30pm (SQH 3109)

CMLT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMLT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

CMSC Computer Science
(Computer, Mathematical and Physical Sciences)

CMSC106 Introduction to C Programming; (4) REG/P-F/AUD. *Prerequisite: MATH 110. Not applicable to the major requirements in computer science. Credit will not be granted for CMSC 106 if students already have credit for either CMSC 113 or CMSC 114. Not open to students who have completed CMSC 113 or CMSC 114. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.*
0101 **(11249)** Plane, J.
MWF 10:00am-10:50am (CLB 0102)
MW 8:00am-8:50am (CLB 0109) Lab
0102 **(11250)** Plane, J.
MWF 10:00am-10:50am (CLB 0102)
MW 9:00am-9:50am (CLB 0109) Lab
0201 **(11251)** Plane, J.
MWF 11:00am-11:50am (CLB 0102)
MW 8:00am-8:50am (CSS 2330) Lab
0202 **(11252)** Plane, J.
MWF 11:00am-11:50am (CLB 0102)
MW 9:00am-9:50am (CSS 2330) Lab
0301 **(11253)** Plane, J.
MWF 12:00pm-12:50pm (CLB 0102)
MW 8:00am-8:50am (CSS 2352) Lab
0302 **(11254)** Plane, J.
MWF 12:00pm-12:50pm (CLB 0102)
MW 9:00am-9:50am (CSS 2352) Lab
0401 **(11255)** STAFF
MWF 1:00pm-1:50pm (JMP 3201)
MW 8:00am-8:50am (CLB 0102) Lab
0402 **(11256)** STAFF
MWF 1:00pm-1:50pm (JMP 3201)
MW 9:00am-9:50am (CLB 0102) Lab
0501 **(11257)** STAFF
MWF 2:00pm-2:50pm (JMP 3201)
MW 8:00am-8:50am (CSS 2428) Lab
0502 **(11258)** STAFF
MWF 2:00pm-2:50pm (JMP 3201)
MW 9:00am-9:50am (CSS 2428) Lab
0601 **(11259)** STAFF
MWF 3:00pm-3:50pm (JMP 3201)
MW 8:00am-8:50am (CSS 1113) Lab
0602 **(11260)** STAFF
MWF 3:00pm-3:50pm (JMP 3201)
MW 9:00am-9:50am (CSS 2324) Lab

CMSC114 Computer Science I; (4) REG/P-F/AUD. *Prerequisite: (CMSC 105 or CMSC 106) with a grade of C or better or score of 4 or 5 on Pascal AP exam or permission of department based on satisfactory performance on the department's placement exams. Corequisite: MATH 140. Credit will be granted for only one of the following: CMSC 114 or CMSC 113. CMPS and Computer Engineering majors will be given priority for registration until the first day of classes.*
0101 **(11283)** Herman, L.
MWF 9:00am-9:50am (JMP 3201)
MW 12:00pm-12:50pm (CSS 1113) Lab
0102 **(11284)** Herman, L.
MWF 9:00am-9:50am (JMP 3201)
MW 1:00pm-1:50pm (CSS 2428) Lab
0201 **(11285)** Herman, L.
MW 10:00am-10:50am (JMP 3201)
MW 12:00pm-12:50pm (CSS 2330) Lab
0202 **(11286)** Herman, L.
MW 10:00am-10:50am (JMP 3201)
MW 1:00pm-1:50pm (CSS 2330) Lab
0301 **(11287)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 12:00pm-12:50pm (CSS 2352) Lab
0302 **(11288)** Herman, L.
MWF 2:00pm-2:50pm (CLB 0102)
MW 1:00pm-1:50pm (CSS 2352) Lab
0401 **(11289)** Padua-Perez, N.
TuTh 9:30am-10:45am (JMP 3201)
MW 12:00pm-12:50pm (MMH 0108) Lab
0402 **(11290)** Padua-Perez, N.
TuTh 9:30am-10:45am (JMP 3201)
MW 1:00pm-1:50pm (MMH 1304) Lab
0501 **(11291)** Padua-Perez, N.
TuTh 11:00am-12:15pm (JMP 3201)
MW 12:00pm-12:50pm (CSS 2428) Lab
0502 **(11292)** Padua-Perez, N.
TuTh 11:00am-12:15pm (JMP 3201)
MW 1:00pm-1:50pm (CSS 2324) Lab
0601 **(11293)** Padua-Perez, N.
TuTh 2:00pm-3:15pm (JMP 3201)
MW 12:00pm-12:50pm (CHE 2110) Lab
0602 **(11294)** Padua-Perez, N.
TuTh 2:00pm-3:15pm (JMP 3201)
MW 1:00pm-1:50pm (CLB 0109) Lab

CMSC150 Introduction to Discrete Structures; (4) REG/P-F/AUD. CORE: MS *Pre- or corequisite: MATH 140. Formerly CMSC 250.* All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam.
0101 **(11304)** Gasarch, W.
MWF 10:00am-10:50am (SYM 0200)
MW 2:00pm-2:50pm (CLB 0109) Dis
0102 **(11305)** Gasarch, W.
MWF 10:00am-10:50am (SYM 0200)
MW 3:00pm-3:50pm (CLB 0109) Dis
0103 **(11306)** Gasarch, W.
MWF 10:00am-10:50am (SYM 0200)
MW 4:00pm-4:50pm (CLB 0109) Dis
0201 **(11307)** Gasarch, W.
MWF 12:00pm-12:50pm (JMP 3201)
MW 2:00pm-2:50pm (CSS 2324) Dis
0202 **(11308)** Gasarch, W.
MWF 12:00pm-12:50pm (JMP 3201)
MW 3:00pm-3:50pm (CSS 2330) Dis
0203 **(11309)** Gasarch, W.
MWF 12:00pm-12:50pm (JMP 3201)
MW 4:00pm-4:50pm (CSS 2330) Dis
0301 **(11310)** Glenn, J.
MWF 10:00am-10:50am (CLB 0111)
MW 2:00pm-2:50pm (CSS 2352) Dis
0302 **(11311)** Glenn, J.
MWF 10:00am-10:50am (CLB 0111)
MW 3:00pm-3:50pm (CSS 2352) Dis
0303 **(11312)** Glenn, J.
MWF 10:00am-10:50am (CLB 0111)
MW 4:00pm-4:50pm (CSS 2352) Dis
0401 **(11313)** Glenn, J.
MW 11:00am-11:50am (CLB 0111)
MW 2:00pm-2:50pm (CSS 2428) Dis
0402 **(11314)** Glenn, J.
MW 11:00am-11:50am (CLB 0111)
MW 3:00pm-3:50pm (CSS 2416) Dis
0403 **(11315)** Glenn, J.
MW 11:00am-11:50am (CLB 0111)
MW 4:00pm-4:50pm (CLB 0102) Dis

CMSC214 Computer Science II; (4) REG/P-F/AUD. *Prerequisites: CMSC 114 with a grade of C or better or score of 4 or 5 on C++ AP exam or permission of department based on satisfactory performance on the department's placement exam; and CMSC 150 with a grade of C or better or an acceptable score on the department's CMSC 150 exemption exam. Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 214 or CMSC 113.*
0101 **(11325)** Golub, E.
MW 2:00pm-3:15pm (CLB 0111)
MW 10:00am-10:50am (CSS 2330) Lab
0102 **(11326)** Golub, E.
MW 2:00pm-3:15pm (CLB 0111)
MW 11:00am-11:50am (CSS 2330) Lab
0201 **(11327)** Golub, E.
TuTh 2:00pm-3:15pm (CLB 0102)
MW 10:00am-10:50am (CSS 2352) Lab
0202 **(11328)** Golub, E.
TuTh 2:00pm-3:15pm (CLB 0102)
MW 11:00am-11:50am (CSS 2352) Lab
0301 **(11329)** Golub, E.
TuTh 3:30pm-4:45pm (JMP 3201)
MW 10:00am-10:50am (CSS 2428) Lab
0302 **(11330)** Golub, E.
TuTh 3:30pm-4:45pm (JMP 3201)
MW 11:00am-11:50am (CHM 2201) Lab
0401 **(11331)** Glenn, J.
MWF 12:00pm-12:50pm (CLB 0111)
MW 10:00am-10:50am (PHY 0405) Lab
0402 **(11332)** Glenn, J.
MWF 12:00pm-12:50pm (CLB 0111)
MW 11:00am-11:50am (CHM 0124) Lab

CMSC251 Algorithms; (3) REG/P-F/AUD. *Prerequisites: CMSC 114 with a grade of C or better and CMSC 150 with a grade of C or better.*
0101 **(11342)** Kruskal, C.
TuTh 12:30pm-1:45pm (CLB 0111)
0201 **(11343)** Smith, C.
TuTh 3:30pm-4:45pm (CLB 0102)

CMSC311 *(PermReq)* **Computer Organization; (3)** REG/P-F/AUD. *Prerequisite: CMSC 214 with a grade of C or better.*
0101 **(11353)** Hugue, M.
TuTh 2:00pm-3:15pm (CLB 0111)
0201 **(11354)** Hugue, M.
TuTh 3:30pm-4:45pm (CLB 0111)

CMSC330 *(PermReq)* **Organization of Programming Languages; (3)** REG/P-F/AUD. *Prerequisite: CMSC 214 with a grade of C or better.*
0101 **(11364)** Zelkowitz, M.
MW 9:00am-9:50am (CLB 0111)
MW 3:00pm-3:50pm (CHM 2201) Dis
0102 **(11365)** Zelkowitz, M.
MW 9:00am-9:50am (CLB 0111)
MW 4:00pm-4:50pm (CHM 2201) Dis
0103 **(11366)** Zelkowitz, M.
MW 9:00am-9:50am (CLB 0111)
MW 3:00pm-3:50pm (CHM 0128) Lab
0104 **(11367)** Zelkowitz, M.
MW 9:00am-9:50am (CLB 0111)
MW 4:00pm-4:50pm (CHM 0115) Lab
0201 **(11368)** Preston, D.
TuTh 6:00pm-6:50pm (CLB 0111)
MW 3:00pm-3:50pm (MTH 0304) Lab
0202 **(11369)** Preston, D.
TuTh 6:00pm-6:50pm (CLB 0111)
MW 4:00pm-4:50pm (MTH 0304) Lab

CMSC386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Prerequisite: written permission of department must be obtained in advance on departmental form.

CMSC390 *(PermReq)* **Honors Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to CMSC Honors Program.*

CMSC411 Computer Systems Architecture; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 311 and CMSC 330; or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(11467)** Keleher, P.
TuTh 9:30am-10:45am (CSS 2352)

CMSC412 Operating Systems; (4) REG/P-F/AUD. CORE: CS *Prerequisites: (a grade of C or better in (CMSC 311 or ENEE 350) and a grade of C or better in CMSC 330) or a grade of C or better in CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(11477)** Gerber, R.
TuTh 3:30pm-4:45pm (CSS 2352)
MW 11:00am-11:50am (CLB 0109) Lab
0102 **(11478)** Gerber, R.
TuTh 3:30pm-4:45pm (CSS 2352)
MW 12:00pm-12:50pm (CLB 0109) Lab

CMSC417 Computer Networks; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 311 and a grade of C or better in CMSC 330.*
0101 **(11488)** Shankar, A.
TuTh 12:30pm-1:45pm (CSS 2330)
0201 **(11489)** Hollingsworth, J.
TuTh 9:30am-10:45am (CLB 0102)

CMSC420 Data Structures; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(11499)** Samet, H.
TuTh 2:00pm-3:15pm (CHM 1402)
0201 **(11500)** Hugue, M.
TuTh 11:00am-12:15pm (CLB 0111)

CMSC421 Introduction to Artificial Intelligence; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in CMSC 251 and a grade of C or better in CMSC 330) or a grade of C or better in CMSC 420.*
0101 **(11510)** Reggia, J.
TuTh 11:00am-12:15pm (CSS 2330)

CMSC424 Database Design; (3) REG/P-F/AUD. CORE: CS *Prerequisite: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student. Recommended: CMSC 450.*
0101 **(11520)** Chawathe, S.
MW 12:30pm-1:45pm (EGR 0110)

CMSC426 Image Processing; (3) REG/P-F/AUD. *Prerequisite: CMSC 420 and permission of department; or CMSC graduate student.*
0101 **(11530)** Aloimonos, J.
TuTh 2:00pm-3:15pm (CSS 2352)

CMSC430 Theory of Language Translation; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 330 or CMSC 400; and permission of department; or CMSC graduate student.*
0101 **(11540)** Tseng, C.
TuTh 11:00am-12:15pm (CLB 0109)

CMSC433 Programming Language Technologies and Paradigms; (3) REG/P-F/AUD. *Prerequisite: a grade of C or better in CMSC 330.*
0101 **(11550)** Pugh, W.
TuTh 9:30am-10:45am (CSS 1113)

CMSC434 Human Factors in Computer and Information Systems; (3) REG/P-F/AUD. *Prerequisites: CMSC 330 with a grade of C or better and PSYC 100 and STAT 400 and permission of department; or CMSC graduate student.*
0101 **(11560)** Bederson, B.
TuTh 11:00am-12:15pm (CLB 0102)

CMSC435 Software Engineering; (3) REG/P-F/AUD. CORE: CS *Prerequisites: CMSC 420 with a grade of C or better; and permission of department; or CMSC graduate student.*
0101 **(11570)** Purtilo, J.
TuTh 12:30pm-1:45pm (CSS 2352)

CMSC450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) with grade of C or better and permission of department; or CMSC graduate student. Also offered as MATH 450. Credit will be granted for only one of the following: MATH 445 or CMSC 450/MATH 450.*
0101 **(11580)** Lopez-Escobar, E.
MWF 2:00pm-2:50pm (MTH 2300)

CMSC451 Design and Analysis of Computer Algorithms; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in CMSC 214 and a grade of C or better in CMSC 251; and permission of department.*
0101 **(11590)** Mount, D.
TuTh 9:30am-10:45am (CLB 0111)

CMSC452 Elementary Theory of Computation; (3) REG/P-F/AUD. *Prerequisites: CMSC 214 with a grade of C or better and CMSC 251 with a grade of C or better.*
0101 **(11600)** Miller, R.
TuTh 9:30am-10:45am (CLB 0109)

CMSC460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(11610)** Cooper, J.
MWF 10:00am-10:50am (CSS 2416)

CMSC466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: (a grade of C or better in MATH 240 and MATH 241); and (CMSC 110 or CMSC 113); and permission of department; or CMSC graduate student. Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.*
0101 **(11620)** Nochetto, R.
MWF 2:00pm-2:50pm (MTH 0302)

CMSC498A *(PermReq)* **Special Problems in Computer Science; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of department required in advance on departmental form.

CMSC624 Database Systems Implementation; (3) REG/AUD. *Prerequisite: CMSC 424 or permission of instructor.*
0101 **(11672)** Roussopoulos, N.
TuTh 11:00am-12:15pm (CSS 2352)

CMSC710 Performance Evaluation of Computer Systems; (3) REG/AUD. *Prerequisite: CMSC 412, MATH 141, and STAT 400 or equivalent.*
0101 **(11692)** Golubchik, L.
TuTh 12:30pm-1:45pm (CSS 2428)

CMSC722 Artificial Intelligence Planning; (3) REG/AUD. *Prerequisite: CMSC 620 or permission of instructor.*
0101 **(11702)** Nau, D.

TuTh 3:30pm-4:45pm (CSS 2330)

CMSC735 A Quantitative Approach to Software Management and Engineering; (3) REG/AUD. *Prerequisites: CMSC 435; and STAT 400 or permission of instructor.*
0101 **(11712)** Basili, V.
MW 10:00am-11:15am (BPS 1238)

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

CMSC818A *(PermReq)* **Advanced Topics in Computer Systems; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC818Z Advanced Topics in Computer Systems; (1-3) REG/AUD.
0101 **(11853)** Agrawala, A.
TuTh 9:30am-10:45am (CSS 2330)

CMSC828A *(PermReq)* **Advanced Topics in Information Processing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC828F *(PermReq)* **Advanced Topics in Information Processing: Readings in Database Systems; (1)** REG/AUD. Prerequisite: Permission of Instructor
0101 **(11906)** Franklin, M.
W 12:30pm-1:45pm (AVW 4185)

CMSC838A *(PermReq)* **Advanced Topics in Programming Languages; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC838B Advanced Topics in Programming Languages: Readings in HCI: The CHI and UIST Conferences; (1) REG/AUD.
0101 **(11959)** Bederson, B.
W 5:00pm-6:00pm (Arranged)

CMSC838P Advanced Topics in Programming Languages; (1-3) REG/AUD.
0101 **(11969)** Porter, A.
TuTh 2:00pm-3:15pm (MTH 0305)

CMSC838S Advanced Topics in Programming Languages; (1-3) REG/AUD.
0101 **(11979)** Shneiderman, B.
TuTh 12:30pm-1:45pm (EGR 3140)

CMSC858A *(PermReq)* **Advanced Topics in Theory of Computing; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC858K Advanced Topics in Theory of Computing; (1-3) REG/AUD.
0101 **(12032)** Kruskal, C.
TuTh 3:30pm-4:45pm (CSS 0201)

CMSC878A *(PermReq)* **Advanced Topics in Numerical Methods; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor.

CMSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. CMSC majors only. Other majors require permission of department.

COMM Communication
(Arts and Humanities)

COMM107 Oral Communication: Principles and Practices; (3) REG/P-F. *Not open to students who have completed COMM 100 or SPCH 100. Credit will be granted for only one of the following: COMM 100 or COMM 107 or SPCH 100 or SPCH 107. Formerly SPCH 107.*
0401 **(12210)** STAFF
MWF 11:00am-11:50am (KEY 0116)
1001 **(12211)** STAFF
MWF 2:00pm-2:50pm (PLS 1117)
1101 **(12212)** STAFF
TuTh 8:00am-9:15am (PLS 1115)
1201 **(12213)** STAFF
TuTh 8:00am-9:15am (PLS 1158)
1301 **(12214)** STAFF
TuTh 8:00am-9:15am (PLS 1146)
1401 **(12215)** STAFF
TuTh 8:00am-9:15am (PLS 1111)
1501 **(12216)** STAFF
TuTh 9:30am-10:45am (TWS 0138)
1601 **(12217)** STAFF
TuTh 9:30am-10:45am (JMZ 0122)
1701 **(12218)** STAFF
TuTh 9:30am-10:45am (PLS 1115)
1801 **(12219)** STAFF
TuTh 11:00am-12:15pm (PLS 1119)
1901 **(12220)** STAFF
TuTh 11:00am-12:15pm (PLS 1176)
2001 **(12221)** STAFF
TuTh 11:00am-12:15pm (PLS 1172)
2101 **(12222)** STAFF
TuTh 11:00am-12:15pm (JMZ 1224)
2201 **(12223)** STAFF
TuTh 11:00am-12:15pm (PLS 1111)
2301 **(12224)** STAFF
TuTh 11:00am-12:15pm (PLS 1115)
2401 **(12225)** STAFF
TuTh 12:30pm-1:45pm (PLS 1115)
2501 **(12226)** STAFF
TuTh 12:30pm-1:45pm (PLS 1176)
2601 **(12227)** STAFF
TuTh 12:30pm-1:45pm (PLS 1146)
2701 **(12228)** STAFF
TuTh 12:30pm-1:45pm (PLS 1172)
2801 **(12229)** STAFF
TuTh 12:30pm-1:45pm (PLS 1113)
2901 **(12230)** STAFF
TuTh 2:00pm-3:15pm (PLS 1115)
3001 **(12231)** STAFF
TuTh 2:00pm-3:15pm (PLS 1184)
3101 **(12232)** STAFF
TuTh 2:00pm-3:15pm (PLS 1162)
3201 **(12233)** STAFF
TuTh 2:00pm-3:15pm (PLS 1180)
3301 **(12234)** STAFF
TuTh 2:00pm-3:15pm (PLS 1172)
3401 **(12235)** STAFF
TuTh 2:00pm-3:15pm (PLS 1146)
3601 **(12236)** STAFF
MWF 11:00am-11:50am (PLS 1180)
3701 **(12237)** STAFF
MWF 1:00pm-1:50pm (PLS 1180)

COMM107S Oral Communication: Principles and Practices; (3) REG/P-F. *Not open to students who have completed COMM 100 or SPCH 100. Credit will be granted for only one of the following: COMM 100 or COMM 107 or SPCH 100 or SPCH 107. Formerly SPCH 107.* Restricted to students in a College Park Scholars Program.
0101 **(12247)** STAFF
MWF 10:00am-10:50am (PLS 1172)
Restricted to College Park Scholars-Media, Self and Society
0201 **(12248)** STAFF
MWF 10:00am-10:50am (PLS 1111)
Restricted to College Park Scholars-Life Sciences
0301 **(12249)** STAFF
MWF 11:00am-11:50am (ARM 0117)
Restricted to College Park Scholars-Media, Self and Society
0501 **(12250)** STAFF
MWF 1:00pm-1:50pm (PLS 1176)
Restricted to College Park Scholars-Media, Self and Society
0601 **(12251)** STAFF
MWF 1:00pm-1:50pm (PLS 1111)
Restricted to College Park Scholars-Life Sciences
0701 **(12252)** STAFF
MWF 1:00pm-1:50pm (PLS 1117)
Restricted to College Park Scholars-Life Sciences
0801 **(12253)** STAFF
MWF 2:00pm-2:50pm (PLS 1176)
Restricted to College Park Scholars-Life Sciences
0901 **(12254)** STAFF
MWF 2:00pm-2:50pm (PLS 1168)
Restricted to College Park Scholars-Life Sciences
3501 **(12255)** STAFF
MWF 10:00am-10:50am (PLS 1184)
Restricted to College Park Scholars-Business, Society and the Economy
3801 **(12256)** STAFF
MWF 2:00pm-2:50pm (PLS 1180)
Restricted to College Park Scholars-International Studies

COMM125 Introduction to Interpersonal Communication; (3) REG/P-F/AUD. *Formerly SPCH 125.*
0101 **(12266)** STAFF
TuTh 11:00am-12:15pm (PLS 1180)
0201 **(12267)** STAFF
TuTh 12:30pm-1:45pm (PLS 1180)

COMM200 Advanced Public Speaking; (3) REG/P-F/AUD. *Prerequisite: COMM 100 or COMM 107 or permission of department. Formerly SPCH 200.*
0101 **(12277)** STAFF
TuTh 8:00am-9:15am (LEF 1220)
0201 **(12278)** STAFF
TuTh 9:30am-10:45am (LEF 1220)

COMM220 Small Group Discussion; (3) REG/P-F/AUD. *Formerly SPCH 220.*
0101 **(12288)** STAFF
TuTh 12:30pm-1:45pm (DNC 1147A)
0201 **(12289)** STAFF
TuTh 2:00pm-3:15pm (TWS 0135)

COMM230 Argumentation and Debate; (3) REG/P-F/AUD. *Formerly SPCH 230.*
0101 **(12299)** STAFF
TuTh 8:00am-9:15am (PLS 1180)
0201 **(12300)** STAFF
TuTh 9:30am-10:45am (PLS 1158)

COMM250 Introduction to Communication Inquiry; (3) REG/P-F/AUD. *Formerly SPCH 250.*
0101 **(12310)** Waks, L.
TuTh 12:30pm-1:45pm (PLS 1140)
0201 **(12311)** STAFF
MW 9:30am-10:45am (WDS 1114)

COMM324 Communication and Gender; (3) REG/P-F/AUD. DIVERSITY *Formerly SPCH 324.*
0101 **(12321)** STAFF
MWF 9:00am-9:50am (PLS 1113)
0201 **(12322)** STAFF
MWF 10:00am-10:50am (PLS 1113)

COMM330 Argumentation and Public Policy; (3) REG/P-F/AUD. *Formerly SPCH 330.*
0101 **(12332)** Morrison, S.
MW 12:30pm-1:45pm (SKN 0104)

COMM350 Public relations theory; (3) REG/P-F/AUD. *Prerequisite: Grade C or better in Jour 201 or COMM 250; or permission of department. Credit will be granted for only one of the following: COMM 350 or COMM 430 or JOUR 330 or JOUR 530. Formerly JOUR 330.*
0101 **(12333)** STAFF
TuTh 2:00pm-3:15pm (SKN 0104)
0201 **(12334)** STAFF
MW 2:00pm-3:15pm (PLS 1119)

COMM351 Public Relations Techniques; (3) REG/P-F/AUD. *Prerequisite: COMM 350 and grade C or better JOUR 202. Credit will be granted for only one of the following: COMM 351 or JOUR 331. Formerly JOUR 331.*
0101 **(12335)** STAFF
MW 12:30pm-1:45pm (CSS 1410)
0201 **(12336)** STAFF
MW 9:30am-10:45am (CSS 1410)

COMM352 Specialized Writing in Public Relations; (3) REG/P-F/AUD. *Prerequisite: Grade C or better in JOUR 201. Credit will be granted for only one of the following: COMM 352 or JOUR 332. Formerly JOUR 332.*
0101 **(12337)** STAFF
TuTh 8:00am-9:15am (CSS 1410)
0201 **(12338)** STAFF
TuTh 9:30am-10:45am (CSS 1410)

COMM360 The Rhetoric of Black America; (3) REG/P-F/AUD. DIVERSITY *Formerly SPCH 360.*
0101 **(12342)** STAFF
TuTh 12:30pm-1:45pm (PLS 1130)
0201 **(12343)** STAFF
TuTh 11:00am-12:15pm (SKN 0200)

COMM386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

COMM400 Research Methods in Communication; (3) REG/P-F/AUD. *Prerequisite: COMM 250 and an introductory course in statistics. Formerly SPCH 400.*
0101 **(12359)** STAFF
M 3:30pm-6:30pm (LEF 2208)
0201 **(12360)** Meffert, M.
TuTh 9:30am-10:45am (ASY 2309)

COMM401 Interpreting Strategic Discourse; (3) REG/P-F/AUD. *Formerly SPCH 401.*
0101 **(12370)** STAFF
MW 9:30am-10:45am (SKN 0104)
0201 **(12371)** STAFF
MW 2:00pm-3:15pm (PLS 1130)

COMM402 Communication Theory and Process; (3) REG/P-F/AUD. *Recommended: COMM 250. Formerly SPCH 402.*
0101 **(12381)** Garst, J.
MW 8:00am-9:15am (SKN 0104)
0201 **(12382)** Grunig, J.
MW 11:00am-12:15pm (SKN 0104)

COMM424 Communication in Complex Organizations; (3) REG/P-F/AUD. *Formerly SPCH 424.*
0101 **(12392)** Eadie, W.
Th 6:00pm-9:00pm (SKN 0104)

COMM425 Negotiation and Conflict Management; (3) REG/P-F/AUD. *Formerly SPCH 425.*
0101 **(12402)** Cai, D.
MW 11:00am-12:15pm (CSS 1410)

COMM430 Public Relations Theory and Techniques; (3) REG/AUD. *Prerequisite: JOUR 201 and permission of department. Not open to students who have completed COMM 350. Credit will be granted for only one of the following: COMM 350, COMM 430, COMM 630, JOUR 530 and JOUR 630. Formerly JOUR 530.*
0101 **(12579)** STAFF
MW 8:00am-9:15am (SKN 1112)

COMM450 Classical and Medieval Rhetorical Theory; (3) REG/P-F/AUD. *Formerly SPCH 450.*
0101 **(12403)** STAFF
TuTh 2:00pm-3:15pm (SHM 2102)

COMM453 The Power of Discourse in American Life; (3) REG/P-F/AUD. *Formerly SPCH 453.*
0101 **(12412)** Parry-Giles, T.
W 6:00pm-9:00pm (SKN 0104)

COMM470 Listening; (3) REG/P-F/AUD. *Formerly SPCH 470.*
0101 **(12422)** Wolvin, A.
TuTh 11:00am-12:15pm (SKN 0104)

COMM478 Communication Colloquium; (1) REG/P-F/AUD.
0101 **(12432)** STAFF
F 12:00pm-1:00pm (SKN 0104)

COMM483 Senior Seminar in Public Relations; (3) REG/P-F/AUD. *Prerequisite: COMM 351 and COMM 400. Credit will be granted for only one of the following: COMM 483 or JOUR 483. Formerly JOUR 483.*
0101 **(12433)** STAFF
TuTh 9:30am-10:45am (ARM 0117)
0201 **(12434)** STAFF
TuTh 3:30pm-4:45pm (PLS 1146)

COMM488 Communication Portfolio Project; (1) REG.
0101 **(12442)** Morrison, S.
MW 2:00pm-3:15pm (SKN 1112)

COMM489 Topical Research; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

COMM630 Seminar in Publice Relations Management; (3) REG/AUD. *Formerly JOUR 630.*
0101 **(12580)** STAFF
W 7:00pm-10:00pm (SKN 2127)

COMM633 Global Public Relations; (3) REG/AUD. *Formerly JOUR 633.*
0101 **(12581)** STAFF
M 7:00pm-10:00pm (SKN 2127)

COMM652 Contemporary Rhetorical Theory; (3) REG/AUD. *Formerly SPCH 652.*
0101 **(12459)** Parry-Giles, S.
M 4:00pm-7:00pm (SKN 1112)

COMM682 Seminar in Intercultural Communication; (3) REG/AUD. *Formerly SPCH 682.*
0101 **(12469)** Cai, D.
M 4:00pm-7:00pm (SKN 2127)

COMM686 Teaching Communication; (1) REG/AUD. *Formerly SPCH 686.*
0101 **(12479)** Wolvin, A.
Th 12:30pm-1:45pm (SKN 2127)

COMM700 Introduction to Graduate Study in Communication; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in COMM. Formerly SPCH 700.*
0101 **(12489)** Gaines, R.
Th 4:00pm-7:00pm (SKN 1112)

COMM702 Intermediate Quantitative Data Analysis in Communication Research: The General Linear Model; (3) REG/AUD. *Prerequisite: COMM 700 or permission of instructor. Formerly SPCH 702.*
0101 **(12499)** Fink, E.
Tu 4:00pm-7:00pm (SKN 2127)

COMM711 Qualitative Research Methods in Communication Research; (3) REG/AUD. *Prerequisite: COMM 700 or permission of instructor. Formerly SPCH 711.*
0101 **(12509)** Parry-Giles, S.
Tu 4:00pm-7:00pm (SKN 1115)

COMM718 Practicum in Research Proposal and Design; (3) REG/AUD.
0101 **(12510)** STAFF
Tu 7:00pm-10:00pm (SKN 2127)

COMM760 Seminar in Political Communication; (3) REG/AUD. *Prerequisite: COMM 601 or permission of instructor. Formerly SPCH 760.*
0101 **(12519)** Meffert, M.
Th 7:00pm-10:00pm (SKN 2127)

COMM775 Seminar in Persuasion and Attitude Change; (3) REG/AUD. *Formerly SPCH 775.*
0101 **(12529)** Garst, J.
W 4:00pm-7:00pm (SKN 2127)

COMM798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

COMM799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

COMM888 *(PermReq)* **Doctoral Practicum in Communication; (3-9)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

COMM889 *(PermReq)* **Doctoral Tutorial in Communication; (3-9)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

COMM899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

CONS Sustainable Development & Conservation Biology
(Life Sciences)

CONS608 *(PermReq)* **Seminar in Sustainable Development and Conservation Biology; (1-2)** REG. For CONS majors only.
0101 **(12628)** Dietz, J.
W 12:00pm-1:00pm (PLS 1117)

CONS609 *(PermReq)* **Special Topics in Conservation Biology; (1-3)** REG/S-F.
0101 **(12638)** Inouye, D.
Time and room to be arranged

CONS680 *(PermReq)* **Problem Solving in Conservation/ Development; (4)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(12648)** Dietz, J.
Tu 2:00pm-6:00pm (BPS 2277)

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4)** REG/S-F.
1111 **(12658)** Inouye, D.
Time and room to be arranged
1112 **(12659)** Dietz, J.
Time and room to be arranged

COOP Cooperative Education Program
(Undergraduate Studies)

COOP099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. Obtain signature and more information at the Career Center, 3121 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes.
0101 **(12709)** Nefferdorf, C.
Time and room to be arranged

CPSP College Park Scholars Program
(Undergraduate Studies)

CPSP001 College Park Scholars, Advocates for Children; (No credit) NGI.
0101 **(12759)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Advocates for Children

CPSP002 College Park Scholars, Advocates for Children; (No credit) NGI.
0101 **(12769)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Advocates for Children

CPSP003 College Park Scholars, Advocates for Children; (No credit) NGI.
0101 **(12779)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Advocates for Children

CPSP004 College Park Scholars, Advocates for Children; (No credit) NGI.
0101 **(12789)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Advocates for Children

CPSP005 College Park Scholars in American Cultures; (No credit) NGI.
0101 **(12799)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-American Cultures

CPSP006 College Park Scholars in American Cultures; (No credit) NGI.
0101 **(12809)** STAFF

Time and room to be arranged
Restricted to College Park Scholars-American Cultures

CPSP007 College Park Scholars in American Cultures; (No credit) NGI.
0101 **(12819)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-American Cultures

CPSP008 College Park Scholars in the Arts; (No credit) NGI.
0101 **(12829)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Arts

CPSP009 College Park Scholars in the Arts; (No credit) NGI.
0101 **(12839)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Arts

CPSP010 College Park Scholars in the Arts; (No credit) NGI.
0101 **(12849)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Arts

CPSP011 College Park Scholars in the Arts; (No credit) NGI.
0101 **(12859)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Arts

CPSP012 College Park Scholars in Business, Society, and the Economy; (No credit) NGI.
0101 **(12869)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Bussines, Society and the Economy

CPSP013 College Park Scholars in Business, Society, and the Economy; (No credit) NGI.
0101 **(12879)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Business, Society and the Economy

CPSP014 College Park Scholars in Business, Society and the Economy; (No credit) NGI.
0101 **(12889)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Business, Society and the Economy

CPSP015 College Park Scholars in Business, Society and the Economy; (No credit) NGI.
0101 **(12899)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Business, Society and the Economy

CPSP016 College Park Scholars in Earth, Life and Time; (No credit) NGI.
0101 **(12909)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Earth, Life and Time

CPSP017 College Park Scholars in Earth, Life and Time; (No credit) NGI.
0101 **(12919)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Earth, Life and Time

CPSP018 College Park Scholars in Earth, Life and Time; (No credit) NGI.
0101 **(12929)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Earth, Life and Time

CPSP019 College Park Scholars in Environmental Studies; (No credit) NGI.
0101 **(12939)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Environmental Studies

CPSP020 College Park Scholars in Environmental Studies; (No credit) NGI.
0101 **(12949)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Environmental Studies

CPSP021 College Park Scholars in Environmental Studies; (No credit) NGI.
0101 **(12959)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Environmental Studies

CPSP022 College Park Scholars in Environmental Studies; (No credit) NGI.
0101 **(12969)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Environmental Studies

CPSP023 College Park Scholars in International Studies; (No credit) NGI.
0101 **(12979)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-International Studies

CPSP024 College Park Scholars in International Studies; (No credit) NGI.
0101 **(12989)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-International Studies

CPSP025 College Park Scholars in International Studies; (No credit) NGI.
0101 **(12999)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-International Studies

CPSP026 College Park Scholars in International Studies; (No credit) NGI.
0101 **(13009)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-International Studies

CPSP027 College Park Scholars in Life Sciences; (No credit) NGI.
0101 **(13019)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Life Sciences

CPSP028 College Park Scholars in Life Sciences; (No credit) NGI.
0101 **(13029)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Life Sciences

CPSP029 College Park Scholars in life sciences; (No credit) NGI.
0101 **(13039)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Life Sciences

CPSP030 College Park Scholars in Life Sciences; (No credit) NGI.
0101 **(13049)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Life Sciences

CPSP031 College Park Scholars in Life Science; (No credit) NGI.
0101 **(13059)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Life Sciences

CPSP032 College Park Scholars in Media, Self and Society; (No credit) NGI.
0101 **(13069)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Media, Self and Society

CPSP033 College Park Scholars in Media, Self and Society; (No credit) NGI.
0101 **(13079)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Media, Self and Society

CPSP034 College Park Scholars in Media, Self and Society; (No credit) NGI.
0101 **(13089)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Media, Self and Society

CPSP035 College Park Scholars in Public Leadership; (No credit) NGI.
0101 **(13099)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Public Leadership

CPSP036 College Park Scholars in Public Leadership; (No credit) NGI.
0101 **(13109)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Public Leadership

CPSP037 College Park Scholars in Public Leadership; (No credit) NGI.
0101 **(13119)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Public Leadership

CPSP038 College Park Scholars in Science, Discovery and the Universe; (No credit) NGI.
0101 **(13129)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Discovery and the Universe

CPSP039 College Park Scholars in Science, Discovery and the Universe; (No credit) NGI.
0101 **(13139)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Discovery and the Universe

CPSP040 College Park Scholars in Science, Discovery and the Universe; (No credit) NGI.
0101 **(13149)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Discovery and the Universe

CPSP041 College Park Scholars in Science, Discovery and the Universe; (No credit) NGI.
0101 **(13159)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Discovery and the Universe

CPSP042 College Park Scholars in Science, Technology and Society; (No credit) NGI.
0101 **(13169)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Technology and Society

CPSP043 College Park Scholars in Science, Technolgoy and Society; (No credit) NGI.
0101 **(13179)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Technology and Society

CPSP044 College Park Scholars in Science, Technology and Society; (No credit) NGI.
0101 **(13189)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Technology and Society

CPSP045 College Park Scholars in Science, Technology and Society; (No credit) NGI.
0101 **(13199)** STAFF
Time and room to be arranged
Restricted to College Park Scholars-Science, Technology and Society

CPSP118A College Park Scholars Colloquium I: Arts; (1) REG/P-F/AUD. Restricted to College Park Scholars - Arts.
0101 **(13209)** Walters, E.
M 6:00pm-7:00pm (CCC 1111)
0102 **(13210)** Walters, E.
M 6:00pm-7:00pm (CCC 1111)
0103 **(13211)** Walters, E.
M 6:00pm-7:00pm (CCC 1111)
0104 **(13212)** Walters, E.
M 6:00pm-7:00pm (CCC 1111)

CPSP118B College Park Scholars Colloquium I: Business, Society, and the Economy; (1) REG. Restricted to College Park Scholars - Business, Society, and the Economy.
0101 **(13223)** Gannon, M.
Th 2:00pm-4:00pm (CCC 1205)
0102 **(13224)** Gannon, M.
Th 2:00pm-4:00pm (CCC 1205)
0103 **(13225)** Gannon, M.
Th 2:00pm-4:00pm (CCC 1205)
0104 **(13226)** Gannon, M.
Th 2:00pm-4:00pm (CCC 1205)

CPSP118C College Park Scholars Colloquium I: Advocates for Children; (1) REG/P-F/AUD. Restricted to College Park Scholars - Advocates for Children.
0101 **(13236)** Gardner, A.
M 3:00pm-4:30pm (CCC 1205)
0102 **(13237)** Gardner, A.
M 3:00pm-4:30pm (CCC 1205)
0103 **(13238)** Gardner, A.
M 3:00pm-4:30pm (CCC 1205)
0104 **(13239)** Gardner, A.
M 3:00pm-4:30pm (CCC 1205)

CPSP118D College Park Scholars Colloquium I: Science, Discovery, and Universe; (1) REG/P-F/AUD. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(13249)** McFadden, L.
Th 4:00pm-5:30pm (CCC 1205)
Th 4:00pm-5:30pm (CCC 1205) Dis
0102 **(13250)** McFadden, L.
Th 4:00pm-5:30pm (CCC 1205)
Th 4:00pm-5:30pm (CCC 1205) Dis
0103 **(13251)** McFadden, L.
Th 4:00pm-5:30pm (CCC 1205)
Th 4:00pm-5:30pm (CCC 1100) Dis
0104 **(13252)** McFadden, L.
Th 4:00pm-5:30pm (CCC 1205)
Th 4:00pm-5:30pm (CCC 1100) Dis

CPSP118E College Park Scholars Colloquium I: Environmental Studies; (1) REG. Restricted to College Park Scholars - Environmental Studies.
0101 **(13262)** James, B.
Tu 3:00pm-3:50pm (CCC 1200)
0201 **(13263)** James, B.
Tu 4:00pm-4:50pm (CCC 1200)
0301 **(13264)** James, B.
Th 3:00pm-3:50pm (CCC 1200)
0401 **(13265)** James, B.
Th 4:00pm-4:50pm (CCC 1200)

CPSP118G College Park Scholars Colloquium I: Earth, Life, and Time; (1) REG. Restricted to College Park Scholars - Earth, Life, and Time.
0101 **(13275)** Holtz, T.
Tu 3:30pm-5:00pm (CCC 1111)
0102 **(13276)** Holtz, T.
Tu 3:30pm-5:00pm (CCC 1111)
0103 **(13277)** Holtz, T.
Tu 3:30pm-5:00pm (CCC 1111)

CPSP118J College Park Scholars Colloquium I: Media, Self, and Society; (1) REG. Restricted to College Park Scholars - Media, Self, and Society.
0101 **(13287)** Barkin, S.
Th 2:00pm-3:30pm (CCC 1111)
0102 **(13288)** Barkin, S.
Th 2:00pm-3:30pm (CCC 1111)
0103 **(13289)** Barkin, S.
Th 2:00pm-3:30pm (CCC 1111)

CPSP118L College Park Scholars Colloquium I: Life Sciences; (1) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences.
0101 **(13299)** Hellman, J.
W 3:30pm-5:30pm (CCC 1111)
0102 **(13300)** Hellman, J.
W 3:30pm-5:30pm (CCC 1111)
0103 **(13301)** Hellman, J.
W 3:30pm-5:30pm (CCC 1111)
0104 **(13302)** Hellman, J.
W 3:30pm-5:30pm (CCC 1111)
0105 **(13303)** Hellman, J.
W 3:30pm-5:30pm (CCC 1111)

CPSP118R College Park Scholars Colloquium I: American Cultures; (1) REG/P-F/AUD. Restricted to College Park Scholars - American Cultures.
0101 **(13313)** Paoletti, J.
Tu 4:00pm-5:30pm (CCC 1205)
0102 **(13314)** Paoletti, J.
Tu 4:00pm-5:30pm (CCC 1205)
0103 **(13315)** Paoletti, J.
Tu 4:00pm-5:30pm (CCC 1205)

CPSP118T College Park Scholars Colloquium I: Science, Technology, and Society; (1) REG/P-F/AUD. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(13325)** Wallace, J.
W 7:00pm-8:30pm (CCC 1111)
0102 **(13326)** Wallace, J.
W 7:00pm-8:30pm (CCC 1111)
0103 **(13327)** Wallace, J.
W 7:00pm-8:30pm (CCC 1111)
0104 **(13328)** Wallace, J.
W 7:00pm-8:30pm (CCC 1111)

CPSP124 Issues in International Studies; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars International Studies Program. Restricted to College Park Scholars - International Studies.
0101 **(13348)** Grant-Wisdom, D.
Tu 2:00pm-3:15pm (CCC 1205)
Th 2:00pm-3:15pm (CCC 1115) Dis
0102 **(13349)** Grant-Wisdom, D.
Tu 2:00pm-3:15pm (CCC 1205)
Th 2:00pm-3:15pm (CCC 1105) Dis
0103 **(13350)** Grant-Wisdom, D.
Tu 2:00pm-3:15pm (CCC 1205)
Th 3:30pm-4:45pm (CCC 1115) Dis
0104 **(13351)** Grant-Wisdom, D.
Tu 2:00pm-3:15pm (CCC 1205)
Th 3:30pm-4:45pm (CCC 1105) Dis

CPSP126 Issues in Public Leadership; (3) REG. CORE: SB
Prerequisite: admission to College Park Scholars Public Leadership Program. Restricted to College Park Scholars - Public Leadership.
0101 **(13361)** O'Doherty, H.
TuTh 12:30pm-1:45pm (CCC 1111)
0102 **(13362)** O'Doherty, H.
TuTh 12:30pm-1:45pm (CCC 1111)
0103 **(13363)** O'Doherty, H.
TuTh 12:30pm-1:45pm (CCC 1111)

CPSP218A College Park Scholars Colloquium II: Arts; (1) REG/P-F/AUD. Restricted to College Park Scholars - Arts.
0101 **(13373)** Walters, E.
Tu 5:00pm-6:00pm (CCC 1111)

CPSP218B College Park Scholars Colloquium II: Business, Society, and the Economy; (1) REG. Restricted to College Park Scholars-Business, Society, and the Economy.
0101 **(13384)** Gannon, M.
Th 7:00pm-9:00pm (CCC 1205)

CPSP218C College Park Scholars Colloquium II: Advocates for Children; (1) REG/P-F/AUD. Restricted to College Park Scholars - Advocates for Children.
0101 **(13395)** Gardner, A.
W 3:15pm-4:45pm (CCC 1205)

CPSP218D College Park Scholars Colloquium II: Science, Discovery, and the Universe; (1) REG. Restricted to College Park Scholars - Science, Discovery, and the Universe.
0101 **(13406)** McFadden, L.
M 4:30pm-5:30pm (CCC 1205)

CPSP218E College Park Scholars Colloquium II: Environmental Studies; (1) REG/P-F/AUD. Restricted to College Park Scholars - Environmental Studies.
0101 **(13417)** James, B.
M 3:00pm-3:50pm (CCC 1200)
0201 **(13418)** James, B.
M 4:00pm-4:50pm (CCC 1200)
0301 **(13419)** James, B.
W 3:00pm-3:50pm (CCC 1200)
0401 **(13420)** James, B.
W 4:00pm-4:50pm (CCC 1200)

CPSP218L College Park Scholars Colloquium II: Life Sciences; (1) REG/P-F/AUD. Restricted to College Park Scholars - Life Sciences.
0101 **(13430)** Hellman, J.
TuTh 4:00pm-6:00pm (CBD 1134)
TBA (CBD 1135)

CPSP218M College Park Scholars Colloquium II: International Studies; (1) REG/P-F/AUD. Restricted to College Park Scholars - International Studies.
0101 **(13440)** Grant-Wisdom, D.
M 3:30pm-5:00pm (CCC 1111)

CPSP218P College Park Scholars Colloquium II: Public Policy; (1) REG/P-F/AUD. Restricted to College Park Scholars - Public Leadership.
0101 **(13451)** O'Doherty, H.
Tu 2:00pm-3:30pm (CCC 1111)

CPSP218Q College Park Scholars Colloquium II: Public Leadership Sophomore Project; (1) REG. Restricted to College Park Scholars - Public Leadership.
0101 **(13462)** O'Doherty, H.
Time and room to be arranged
0401 **(13463)** O'Doherty, H.
Time and room to be arranged

CPSP218R College Park Scholars Colloquium II: American Cultures; (2) REG. Restricted to College Park Scholars - American Cultures.
0101 **(13473)** Ransom, L.
Th 3:30pm-5:30pm (CCC 1111)

CPSP218T College Park Scholars Colloquium II: Science, Technology, and Society; (1) REG. Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(13484)** Wallace, J.
Tu 7:00pm-8:30pm (CCC 1111)
0301 **(13485)** Wallace, J.
Tu 7:00pm-8:30pm (CCC 1111)
0401 **(13486)** Wallace, J.
Tu 7:00pm-8:30pm (CCC 1111)
0501 **(13487)** Wallace, J.
Tu 7:00pm-8:30pm (CCC 1111)

CPSP227 College Park Scholars Capstone: Science, Technology, and Society; (3) REG. CORE: SB Restricted to College Park Scholars - Science, Technology, and Society.
0101 **(13497)** Wallace, J.
TuTh 3:30pm-4:45pm (CBD 1140)

CPSP259C College Park Scholars Practicum: Advocates for Children; (1-3) REG. Restricted to College Park Scholars - Advocates for Children. Prior approval of Director, CPS-AC, required.
0101 **(13507)** Gardner, A.
Time and room to be arranged
0201 **(13508)** Gardner, A.
Time and room to be arranged
0301 **(13509)** Gardner, A.
Time and room to be arranged
0401 **(13510)** Gardner, A.
Time and room to be arranged

CPSP259L College Park Scholars Practicum: Life Sciences; (2-3) REG. Restricted to College Park Scholars - Life Sciences. Prior approval of Director, CPS-LS, required.
0301 **(13520)** Hellman, J.
Time and room to be arranged
0401 **(13521)** Hellman, J.
Time and room to be arranged

CPSP259N College Park Scholars Practicum: International Studies; (2) REG. Restricted to College Park Scholars - International Studies. Prior approval of Director, CPS-IS, required.
0101 **(13531)** Grant-Wisdom, D.
Time and room to be arranged
0301 **(13532)** Grant-Wisdom, D.
Time and room to be arranged

DANC Dance
(Arts and Humanities)

DANC102 Rhythmic Training for Dance; (2) REG/P-F/AUD. Course is offered in the fall semester only.

0101 (13582) Johnson, I.
TuTh 2:00pm-3:15pm (DNC 1136) Lab

DANC109 Improvisation I; (2) REG/P-F/AUD.
0101 (13592) STAFF
TuTh 12:30pm-1:45pm (DNC 1105) Lab

DANC118 Beginning Tap: Beginning Tap Dance; (2) REG/P-F/AUD.
0101 (13602) Slater, M.
TuTh 12:30pm-1:45pm (PKT 2102) Lab

DANC119 Introduction to American Social Dance: Beginning Ballroom Dance; (2) REG/P-F/AUD.
0101 (13612) Taylor, J.
TuTh 9:30am-10:45am (DNC 1105) Lab

DANC128 Fundamentals of Ballet; (2) REG/P-F/AUD.
0101 (13622) Druker, S.
MW 9:30am-10:45am (PKT 2102) Lab
0102 (13623) Druker, S.
MW 11:00am-12:15pm (PKT 2102) Lab
0103 (13624) Druker, S.
MW 12:30pm-1:45pm (PKT 2102) Lab

DANC138 Introduction to Ethnic Dance: Introduction to Ethnic Dance: West African; (2) REG/P-F/AUD. DIVERSITY
0101 (13634) STAFF
TuTh 9:30am-10:45am (PKT 2102) Lab

DANC148 Fundamentals of Modern Dance; (2) REG/P-F/AUD.
0101 (13644) STAFF
MW 12:30pm-1:45pm (DNC 1136) Lab
0102 (13645) STAFF
MW 2:00pm-3:15pm (PKT 2102) Lab
0103 (13646) STAFF
TuTh 2:00pm-3:15pm (DNC 1139B) Lab
0104 (13647) Mayes, A.
TuTh 3:30pm-4:45pm (DNC 1136) Lab

DANC158 Fundamentals of Jazz; (2) REG/P-F/AUD.
0101 (13657) Mayes, A.
MW 3:30pm-4:45pm (DNC 1136) Lab
0102 (13658) STAFF
TuTh 2:00pm-3:15pm (PKT 2102) Lab

DANC200 Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Lecture/discussion only - no studio activity.
0101 (13674) Perez, S.
MWF 10:00am-10:50am (DNC 1147A)
0201 (13675) Perez, S.
MWF 11:00am-11:50am (DNC 1143)
0301 (13676) STAFF
TuTh 9:30am-10:45am (DNC 1143)
0401 (13677) Gaskill, B.
TuTh 11:00am-12:15pm (DNC 1143)
0501 (13678) STAFF
TuTh 12:30pm-1:45pm (DNC 1143)
0601 (13679) STAFF
TuTh 2:00pm-3:15pm (DNC 1143)

DANC200+ Introduction to Dance; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Arts.
0401 (13690) Gaskill, B.
TuTh 11:00am-12:15pm (DNC 1143)

DANC208 Choreography I; (3) REG/P-F/AUD. Prerequisites: DANC 102 and DANC 109.
0101 (13700) Mayes, A.
MWF 2:00pm-3:20pm (DNC 1136) Lab

DANC210 Dance Production; (3) REG/P-F/AUD.
0101 (13710) Jackson, P.
MWF 3:30pm-4:50pm (DNC 1105)

DANC228 Ballet I; (2) REG/P-F/AUD. Prerequisite: DANC 128 or dance major standing.
0101 (13720) Druker, S.
TuTh 9:30am-10:45am (DNC 1136) Lab

DANC229 Ballet II; (2) REG/P-F/AUD. Prerequisite: DANC 228 or audition.
0101 (13730) Druker, S.
TuTh 12:30pm-1:45pm (DNC 1136) Lab

DANC248 Modern Dance I; (3) REG/P-F/AUD. Prerequisite: DANC 148 or dance major standing.
0101 (13740) Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC249 Modern Dance II; (3) REG/P-F/AUD. Prerequisite: DANC 248 or audition.
0101 (13750) Wiltz, A.
MWF 11:00am-12:20pm (DNC 1136) Lab

DANC328 Ballet III; (2) REG/P-F/AUD.
0101 (13766) Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC329 Ballet IV; (2) REG/P-F/AUD.
0101 (13776) Druker, S.
TuTh 11:00am-12:15pm (DNC 1136) Lab

DANC348 Modern Dance III; (3) REG/P-F/AUD. Prerequisite: DANC 249 or audition.
0101 (13786) STAFF
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC349 Modern Dance IV; (3) REG/P-F/AUD.
0101 (13796) STAFF
MWF 12:30pm-1:50pm (DNC 1105) Lab

DANC370 Kinesiology for Dancers; (4) REG/P-F/AUD.
0101 (13806) Cox, L.
MWF 9:00am-10:45am (DNC 1143)

DANC388 Choreography III; (3) REG/P-F/AUD. Course is offered in the fall semester only.
0101 (13817) Rosen, M.
TuTh 3:30pm-4:45pm (DNC 1105) Lab

DANC410 Technical Theater Production for Dance; (3) REG/P-F/AUD. *Prerequisite: DANC 210 or equivalent (or permission of department).*
0101 (13841) Jackson, P.
TBA (DNC 1105)

DANC448 Modern Dance V; (3) REG/P-F/AUD.
0101 (13851) STAFF
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC449 Modern Dance VI; (3) REG/P-F/AUD.
0101 (13861) STAFF
MWF 2:00pm-3:20pm (DNC 1105) Lab

DANC608 Choreography for Groups; (3) REG/AUD.
0101 (13877) STAFF
Time and room to be arranged Lab

DANC648 Advanced Modern Dance Technique I; (2) REG/AUD.
0101 (13887) STAFF
Time and room to be arranged Lab

EALL East Asian Languages and Literatures
(Arts and Humanities)

EALL300 The Languages of East Asia; (3) REG/P-F/AUD. DIVERSITY
0101 (13937) Ramsey, S.
MW 1:00pm-2:15pm (JMZ 0105)

ECON Economics
(Behavioral and Social Sciences)

ECON200 Principles of Micro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 200 or ECON 203. Formerly ECON 203.*
2101 (13987) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
M 11:00am-11:50am (TYD 1128) Dis
2102 (13988) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 1128) Dis
2103 (13989) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
F 9:00am-9:50am (TYD 0101) Dis
2104 (13990) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
F 11:00am-11:50am (TYD 0102) Dis
2105 (13991) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
M 1:00pm-1:50pm (TYD 0102) Dis
2107 (13992) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
W 10:00am-10:50am (LEF 1201) Dis
2108 (13993) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 0101) Dis
2109 (13994) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
W 11:00am-11:50am (LEF 1201) Dis
2110 (13995) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
F 10:00am-10:50am (TYD 1101) Dis
2111 (13996) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
M 9:00am-9:50am (TYD 1114) Dis
2112 (13997) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
W 1:00pm-1:50pm (TYD 0102) Dis
2113 (13998) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
W 9:00am-9:50am (KEY 0126) Dis
2114 (13999) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
M 10:00am-10:50am (TYD 1102) Dis
2115 (14000) Gelbach, J.
TuTh 11:00am-12:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 1128) Dis
2201 (14001) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
M 9:00am-9:50am (TYD 0102) Dis
2202 (14002) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
W 9:00am-9:50am (TYD 0102) Dis
2203 (14003) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
M 10:00am-10:50am (TYD 0102) Dis
2204 (14004) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
F 12:00pm-12:50pm (TYD 1114) Dis
2205 (14005) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
M 1:00pm-1:50pm (JRN 1105) Dis
2207 (14006) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
M 11:00am-11:50am (ARC 1105) Dis
2208 (14007) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
F 10:00am-10:50am (TYD 1128) Dis
2209 (14008) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
W 10:00am-10:50am (TYD 0102) Dis
2210 (14009) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
W 11:00am-11:50am (LEF 1220) Dis
2211 (14010) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
F 9:00am-9:50am (TYD 1128) Dis
2212 (14011) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
F 11:00am-11:50am (BPS 1238) Dis
2213 (14012) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
W 1:00pm-1:50pm (JRN 1105) Dis
2214 (14013) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
M 12:00pm-12:50pm (TLF 1101) Dis
2215 (14014) Geib-Gundersen, L.
TuTh 9:30am-10:45am (TYD 0130)
W 12:00pm-12:50pm (TLF 1101) Dis
2301 (14015) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
W 9:00am-9:50am (LEF 1222) Dis
2302 (14016) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (LEF 1222) Dis
2303 (14017) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
W 12:00pm-12:50pm (ARM 0105) Dis
2304 (14018) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 12:00pm-12:50pm (ARC 1103) Dis
2305 (14019) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (LEF 1220) Dis
2306 (14020) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
F 9:00am-9:50am (TYD 1114) Dis
2307 (14021) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (KEY 0126) Dis
2308 (14022) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (TYD 1102) Dis
2309 (14023) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
F 11:00am-11:50am (TYD 1102) Dis
2311 (14024) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (ASY 3219) Dis
2312 (14025) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
W 1:00pm-1:50pm (ASY 3219) Dis
2313 (14026) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 11:00am-11:50am (TYD 0111) Dis
2314 (14027) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
W 11:00am-11:50am (TYD 0111) Dis
2315 (14028) Schwab, R.
TuTh 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (KEY 0103) Dis

ECON201 Principles of Macro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.*
0101 (14038) STAFF
MW 2:00pm-3:15pm (TYD 0130)
M 9:00am-9:50am (TYD 1128) Dis
0102 (14039) STAFF
MW 2:00pm-3:15pm (TYD 0130)
W 9:00am-9:50am (TYD 1114) Dis
0103 (14040) STAFF
MW 2:00pm-3:15pm (TYD 0130)
M 12:00pm-12:50pm (TYD 0102) Dis
0104 (14041) STAFF
MW 2:00pm-3:15pm (TYD 0130)
W 12:00pm-12:50pm (TYD 0102) Dis
0105 (14042) STAFF
MW 2:00pm-3:15pm (TYD 0130)
M 10:00am-10:50am (ARC 1103) Dis
0106 (14043) STAFF
MW 2:00pm-3:15pm (TYD 0130)
F 1:00pm-1:50pm (KEY 0123) Dis
0107 (14044) STAFF
MW 2:00pm-3:15pm (TYD 0130)
F 12:00pm-12:50pm (TYD 0111) Dis
0108 (14045) STAFF
MW 2:00pm-3:15pm (TYD 0130)
W 10:00am-10:50am (ARM 0121) Dis
0109 (14046) STAFF
MW 2:00pm-3:15pm (TYD 0130)
F 10:00am-10:50am (TYD 0101) Dis
0110 (14047) STAFF
MW 2:00pm-3:15pm (TYD 0130)
W 11:00am-11:50am (SQH 1103) Dis
0111 (14048) STAFF
MW 2:00pm-3:15pm (TYD 0130)
M 1:00pm-1:50pm (HBK 1116) Dis
2101 (14049) STAFF
MWF 9:00am-9:50am (TYD 0130)
W 8:00am-8:50am (TYD 0101) Dis
2102 (14050) STAFF
MWF 9:00am-9:50am (TYD 0130)
M 1:00pm-1:50pm (MMH 0108) Dis
2103 (14051) STAFF
MWF 9:00am-9:50am (TYD 0130)
W 10:00am-10:50am (ARC 1103) Dis
2104 (14052) STAFF
MWF 9:00am-9:50am (TYD 0130)
F 10:00am-10:50am (TYD 0111) Dis
2105 (14053) STAFF
MWF 9:00am-9:50am (TYD 0130)
M 8:00am-8:50am (TYD 0101) Dis
2106 (14054) STAFF
MWF 9:00am-9:50am (TYD 0130)
F 1:00pm-1:50pm (TYD 0102) Dis
2107 (14055) STAFF
MWF 9:00am-9:50am (TYD 0130)
W 1:00pm-1:50pm (KEY 0126) Dis
2108 (14056) STAFF
MWF 9:00am-9:50am (TYD 0130)
M 10:00am-10:50am (TYD 1128) Dis
2109 (14057) STAFF
MWF 9:00am-9:50am (TYD 0130)
F 1:00pm-1:50pm (LEF 1221) Dis

ECON201H Principles of Macro-Economics; (4) REG/P-F/AUD. CORE: SB *Prerequisite: MATH 110 or placement in MATH 115 or above. It is recommended that students complete ECON 200 before taking ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205.* For general honors students only.
0101 (14067) Dorsey, J.
MWF 2:00pm-2:50pm (TYD 1132)

ECON305 Intermediate Macroeconomic Theory and Policy; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401.*
0101 (14087) Binder, M.
MW 11:00am-12:15pm (JMZ 0105)
0201 (14088) Geib-Gundersen, L.
TuTh 11:00am-12:15pm (SHM 2102)
0401 (14089) STAFF
TuTh 9:30am-10:45am (DNC 1147A)
0501 (14090) STAFF
TuTh 12:30pm-1:45pm (TYD 1108)

ECON306 Intermediate Microeconomic Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and MATH 220. Formerly ECON 403.*
0101 (14100) Lyon, A.
MW 2:00pm-3:15pm (JMZ 0220)
0501 (14101) STAFF
TuTh 9:30am-10:45am (TYD 1102)
0601 (14102) STAFF
TuTh 11:00am-12:15pm (TYD 0101)
0701 (14103) STAFF
MWF 1:00pm-1:50pm (TYD 1102)
0801 (14104) STAFF
TuTh 12:30pm-1:45pm (TYD 0101)

ECON311 American Economic Development; (3) REG/P-F/AUD. *Prerequisites: {ECON 200; and ECON 201} or ECON 205.*
0101 (14114) Wallis, J.
TuTh 9:30am-10:45am (TYD 0117)

ECON315 Economic Development of Underdeveloped Areas; (3) REG/P-F/AUD. *Prerequisites: {ECON 200; and ECON 201} or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415.*
0301 (14124) STAFF
TuTh 9:30am-10:45am (TYD 2111)
0401 (14125) Betancourt, R.
TuTh 11:00am-12:15pm (TYD 0117)
0501 (14126) STAFF
MWF 9:00am-9:50am (TYD 1101)

ECON321 Economic Statistics; (3) REG/P-F/AUD. *Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421.*
0101 (14136) Evans, W.
TuTh 2:00pm-3:15pm (SYM 0200)

ECON375 Economics of Poverty and Discrimination; (3) REG/P-F/AUD. DIVERSITY *Prerequisites: {ECON 200; and ECON 201} or ECON 205.*
0101 (14146) Geib-Gundersen, L.
TuTh 12:30pm-1:45pm (TYD 1114)

ECON381 Environmental Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 200 or ECON 205 or permission of department.*
0101 (14156) STAFF
MW 2:00pm-3:15pm (TYD 1102)

ECON386 (PermReq) Experiential Learning; (3-6) REG/P-F. *Prerequisite: ECON 200, ECON 201, GPA 2.75. 56 semester hours. For ECON majors only.*
0101 (14166) Wallis, J.
Time and room to be arranged

ECON396 Independent Honors Study; (3) REG/P-F/AUD. *Prerequisite: candidacy for honors in economics or by permission of instructor.*
0101 (14176) Wallis, J.
TuTh 12:30pm-1:45pm (JMZ 1109)

ECON397 Honors Thesis; (3) REG/P-F/AUD. *Prerequisites: ECON 396 and candidacy for honors in economics.*
0101 (14186) Wallis, J.
Time and room to be arranged

ECON399 (PermReq) Individual Reading and Research For Undergraduates; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses.

ECON402 Macroeconomic Models and Forecasting; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405.*
0201 (14243) Almon, C.
MWF 10:00am-10:50am (TYD 2111)

ECON407 Advanced Macroeconomics; (3) REG/P-F/AUD. *Prerequisite: ECON 305.*
0101 (14253) Drazen, A.
MW 11:00am-12:15pm (TYD 1114)

ECON414 Game Theory; (3) REG/P-F/AUD. *Prerequisites: ECON 306 and (MATH 220 or MATH 140). Credit will be granted for only one of the following: ECON 414 or ECON 417. Formerly ECON 417.*
0101 (14263) Schwab, R.
TuTh 11:00am-12:15pm (TYD 1114)

ECON422 Quantitative Methods in Economics I; (3) REG/P-F/AUD. *Prerequisites: ECON 200; and ECON 201; and {ECON 321 or BMGT 230;} or permission of department.*
0201 (14273) Cropper, M.
MW 2:00pm-3:15pm (TYD 1114)

ECON425 Mathematical Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent.*
0101 (14283) STAFF
MWF 10:00am-10:50am (SQH 1119)

ECON430 Money and Banking; (3) REG/P-F/AUD. *Prerequisites: ECON 200 and ECON 201. Credit will be granted for only one of the following: ECON 430 or ECON 431.*
0201 (14293) Dorsey, J.
MW 12:30pm-1:45pm (TYD 0130)

ECON440 International Economics; (3) REG/P-F/AUD. *Prerequisites: ECON 200 and ECON 201. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 (14303) STAFF
MWF 9:00am-9:50am (TYD 0117)
0301 (14304) Rodriguez, F.
TuTh 11:00am-12:15pm (CSS 2324)
0401 (14305) STAFF
TuTh 2:00pm-3:15pm (BPS 1238)

ECON441 Theory of International Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441.*
0101 (14315) Panagariya, A.
TuTh 12:30pm-1:45pm (TYD 0111)

ECON451 Public Choice and Public Policy; (3) REG/P-F/AUD. *Prerequisite: ECON 306.*
0101 (14335) Coughlin, P.
TuTh 9:30am-10:45am (TYD 1132)

ECON454 Theory of Public Finance and Fiscal Federalism; (3) REG/AUD. *Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 450 or ECON 454.*
0101 (14345) Hulten, C.
TuTh 11:00am-12:15pm (TYD 2111)
0201 (14346) Hulten, C.
TuTh 2:00pm-3:15pm (TYD 1132)

ECON460 Industrial Organization; (3) REG/P-F/AUD. *Prerequisite: ECON 306 or ECON 406.*
0101 (14356) STAFF
MWF 10:00am-10:50am (TYD 1114)

ECON470 Theory of Labor Economics; (3) REG/P-F/AUD. *Prerequisite: ECON 306. Credit will be granted for only one of the following: ECON 370 or ECON 470.*
0101 **(14366)** Hellerstein, J.
TuTh 11:00am-12:15pm (TYD 1132)

ECON600 *(PermReq)* **Analytical Techniques for Economists; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(14376)** Sakellaris, P.
TuTh 12:30pm-1:45pm (TYD 1132)
M 3:00pm-5:00pm (TYD 1132) Dis

ECON601 Macroeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 **(14386)** Haltiwanger, J.
MW 9:30am-10:45am (TYD 0101)
M 5:00pm-7:00pm (TYD 1114) Dis
0201 **(14387)** Shea, J.
MW 11:00am-12:15pm (TYD 0101)
F 2:00pm-3:15pm (TYD 1114) Dis

ECON603 Microeconomic Analysis I; (3) REG/AUD. *Prerequisite: ECON 600 or permission of department.*
0101 **(14397)** Schwab, R.
TuTh 2:00pm-3:15pm (TYD 2111)
W 5:15pm-6:45pm (TYD 0101) Dis
0201 **(14398)** Ausubel, L.
TuTh 9:30am-10:45am (TYD 1114)
F 12:30pm-1:45pm (TYD 2111) Dis

ECON611 Seminar in American Economic Development; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(14408)** Wallis, J.
TuTh 2:00pm-3:15pm (TLF 2101)

ECON615 Economic Development of Less-Developed Areas; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 **(14418)** Betancourt, R.
M 5:30pm-8:00pm (TYD 1132)

ECON622 Quantitative Methods II; (3) REG/AUD. *Prerequisite: ECON 621 or permission of department.*
0101 **(14428)** Kelejian, H.
TuTh 5:00pm-6:15pm (TYD 2111)
Tu 3:30pm-5:00pm (TYD 2111) Dis

ECON623 Econometrics I; (3) REG/AUD.
0101 **(14438)** Prucha, I.
TuTh 2:00pm-3:15pm (JMZ 2102)
Th 5:00pm-7:00pm (TYD 0101) Dis

ECON627 Empirical Macroeconomics; (3) REG/AUD. *Prerequisite: ECON 622 or ECON 721 or permission of instructor.*
0101 **(14448)** Binder, M.
MW 12:30pm-1:45pm (LEF 2166)

ECON662 Industry Structure, Conduct, and Performance; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(14458)** Vincent, D.
TuTh 11:00am-12:15pm (TYD 0111)

ECON698 *(PermReq)* **Selected Topics in Economics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ECON698E *(PermReq)* **Selected Topics in Economics: Econometrics Workshop; (3)** REG/AUD.
0101 **(14503)** Prucha, I.
M 3:30pm-6:00pm (TYD 0111)

ECON701 Advanced Macroeconomics I; (3) REG/AUD. *Prerequisite: ECON 601; and ECON 602.*
0101 **(14513)** Drazen, A.
MW 2:00pm-3:15pm (TYD 0111)

ECON703 Advanced Microeconomics I; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604.*
0101 **(14523)** Cramton, P.
TuTh 9:30am-10:45am (TYD 1128)

ECON708 Advanced Topics in Applied and Theoretical Microeconomics; (3) REG/AUD.
0101 **(14533)** Evans, W.
MW 12:30pm-1:45pm (TYD 0101)
0201 **(14534)** Hellerstein, J.
MW 12:30pm-1:45pm (TYD 0111)
0301 **(14535)** Gelbach, J.
MW 12:30pm-1:45pm (TYD 2111)

ECON709 Advanced Topics in Applied and Theoretical Macroeconomics; (3) REG/AUD.
0101 **(14545)** Haltiwanger, J.
MW 12:30pm-1:45pm (TYD 1132)
0201 **(14546)** Calvo, G.
MW 12:30pm-1:45pm (TYD 1114)

ECON721 Econometrics III; (3) REG/AUD. *Prerequisite: ECON 624 or permission of instructor.*
0101 **(14547)** STAFF
TuTh 5:00pm-6:15pm (TYD 1101)

ECON722 Econometrics IV; (3) REG/AUD. *Prerequisite: ECON 721 or permission of instructor.*
0101 **(14556)** Kelejian, H.
TuTh 12:30pm-1:45pm (TYD 0102)
Th 3:30pm-5:00pm (TYD 0101) Dis

ECON725 *(PermReq)* **Empirical Economic Modeling I; (3)** REG/AUD. *Prerequisite: ECON 622 or ECON 721. Credit will be granted for only one of the following: ECON 725 or ECON 625.*
0101 **(14566)** Almon, C.
MW 12:30pm-1:45pm (TYD 1101)

ECON742 Advanced International Economics II; (3) REG/AUD. *Prerequisite: ECON 603 or permission of department.*
0101 **(14576)** Panagariya, A.
TuTh 2:00pm-3:15pm (TYD 1114)
M 9:30am-10:45am (ARM 0102) Dis

ECON752 Seminar in Public Finance; (3) REG/AUD. *Prerequisite: ECON 751.*
0101 **(14586)** Lyon, A.
MW 9:30am-10:45am (TYD 0111)

ECON755 Theory of Public Choice I; (3) REG/AUD. *Prerequisite: ECON 604 or permission of department.*
0101 **(14596)** Coughlin, P.
TuTh 12:30pm-1:45pm (LEF 1208)

ECON772 Government Policy and the Labor Market; (3) REG/AUD. *Prerequisite: ECON 771 or permission of department.*
0101 **(14606)** STAFF
TuTh 11:00am-12:15pm (KEY 0117)

ECON781 Environmental Economics; (3) REG/AUD. *Prerequisites: ECON 603 and ECON 604; and (ECON 621 or ECON 624).*
0101 **(14616)** Cropper, M.
MW 11:00am-12:15pm (KEY 0125)

ECON799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ECON808 Workshop on Macroeconomics and Growth: Workshop in Applied Economics; (3) S-F/AUD.
0101 **(14662)** Haltiwanger, J.
W 3:30pm-6:00pm (TYD 1114)

ECON848 *(PermReq)* **Workshop in International Development, and Comparative Economics; (3)** S-F/AUD.
0101 **(14672)** Calvo, G.
M 3:30pm-6:00pm (TYD 2111)

ECON868 *(PermReq)* **Workshop in Industrial Organization; (3)** S-F/AUD.
0101 **(14682)** Cramton, P.
Tu 3:30pm-6:00pm (TYD 0101)

ECON878 Workshop in Labor Economics; (3) S-F/AUD.
0101 **(14692)** Schwab, R.
W 3:30pm-6:00pm (TYD 0111)

ECON899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI Curriculum and Instruction *(Education)*

EDCI1280 School Service Semester; (3) S-F. Students must complete application for field component in Office of Laboratory Experiences. Field component occurs during designated lab time.
0101 **(14787)** STAFF
Th 2:00pm-3:50pm (EDU 0114)
Th 8:00am-2:00pm (Arranged) Lab
0201 **(14788)** Redmond, D.
W 2:00pm-3:50pm (EDU 4233)
W 8:00am-2:00pm (Arranged) Lab
0301 **(14789)** Fischer, K.
Tu 2:00pm-3:50pm (COL 3110)
Tu 8:00am-2:00pm (Arranged) Lab
0401 **(14790)** STAFF
Tu 2:00pm-3:50pm (EDU 0114)
Tu 8:00am-2:00pm (Arranged) Lab
0501 **(14791)** Leipzig, D.
Th 2:00pm-3:50pm (EDU 3236)
Th 8:00am-2:00pm (Arranged) Lab
0601 **(14792)** Petrilla, A.
Tu 2:00pm-3:50pm (EDU 3236)
Tu 8:00am-2:00pm (Arranged) Lab

EDCI1288D Special Topics in Teacher Education: Developmental Heuristics; (3) REG.
0101 **(14802)** Beyene, T.
Time and room to be arranged

EDCI1288M *(PermReq)* **Special Topics in Teacher Education: Tutoring in Remedial Mathematics; (1-3)** REG/P-F/AUD.
0101 **(14812)** Shearn, E.
Time and room to be arranged

EDCI1298 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI1300 *(PermReq)* **Discipline Based Art Education (C & I Art Methods); (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 390; and EDHD 413 and EDHD 420. For art education majors only.*
0101 **(14858)** Hendricks, S.
Tu 9:00am-12:00pm (EDU 1315)
Th 8:30am-11:30am (Arranged) Lab

EDCI1301 Teaching Art in the Elementary School; (3) REG/P-F/AUD. *For elementary and pre-elementary education majors only. Not open to art education majors.*
0101 **(14868)** STAFF
M 9:00am-11:50am (EDU 1315)
0102 **(14869)** STAFF
W 1:00pm-4:00pm (EDU 1315)
0103 **(14870)** STAFF
M 1:00pm-4:00pm (EDU 1315)
0104 **(14871)** Wright, H.
F 9:00am-11:50am (EDU 1315)

EDCI1305A Curriculum and Instruction in Elementary Education Cluster; (No credit) NGI. *Restricted to students registering for the elementary education blocks.*
0101 **(14881)** STAFF
Time and room to be arranged

EDCI1305B Curriculum and Instruction in Elementary Education Cluster; (No credit) NGI. *Restricted to students registering for the elementary education blocks.*
0101 **(14891)** STAFF
Time and room to be arranged

EDCI1305C Curriculum and Instruction in Elementary Education Cluster; (No credit) NGI. *Restricted to students registering for the elementary education blocks.*
0101 **(14901)** STAFF
Time and room to be arranged

EDCI1314 Teaching Language, Reading, Drama and Literature with Young Children; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 416. For early childhood education majors only.*
0101 **(14911)** Comas, J.
Tu 1:00pm-2:50pm (EDU 2119)
For registration purposes, please refer to EDHD 305+ 0101.
0201 **(14912)** STAFF
Th 8:00am-9:50am (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0201.

EDCI1320 *(PermReq)* **Curriculum and Instruction in Secondary Education: Social Studies/ History; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.* Secondary education social studies majors only.
0101 **(14922)** Weible, T.
M 4:15pm-7:00pm (JMP 2202)

EDCI1322A *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342A, 352A, 362A, and 372A. For registration purposes, please refer to EDCI 305A.
0101 **(14932)** Jantz, R.
M 8:30am-10:20am (EDU 2212)
Time and room to be arranged Lab

EDCI1322B *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342B, 352B, 362B, and 372B. For registration purposes, please refer to EDCI 305B.
0101 **(14942)** STAFF
Th 1:00pm-2:50pm (EDU 2101)
Time and room to be arranged Lab

EDCI1322C *(PermReq)* **Curriculum and Instruction in Elementary Education: Social Studies; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 342C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305C.
0101 **(14952)** STAFF
M 1:00pm-2:50pm (EDU 4233)
Time and room to be arranged Lab

EDCI1330 *(PermReq)* **Curriculum and Instruction in Secondary Education: Foreign Language; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.*
0101 **(14962)** STAFF
W 4:15pm-7:00pm (JMZ 2207)

EDCI1340 *(PermReq)* **Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. Corequisite: EDCI 447. For education majors only.* Secondary English/speech/drama education majors only.
0101 **(14972)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI1342A *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352A, 362A, 372A, and 322A. For registration purposes, please refer to EDCI 305A.
0101 **(14982)** Comas, J.
M 10:30am-12:20pm (EDU 1121)
Time and room to be arranged Lab

EDCI1342B *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 352B, 362B, 372B, 322B. For registration purposes, please refer to EDCI 305B.
0101 **(14992)** O'Flahavan, J.
Tu 1:00pm-2:50pm (EDU 1121)
Time and room to be arranged Lab

EDCI1342C *(PermReq)* **Curriculum and Instruction in Elementary Education: Language Arts; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 352; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, 352C, 362C, and 372C. For registration purposes, please refer to EDCI 305C.
0101 **(15002)** STAFF
W 1:00pm-2:50pm (EDU 0212)
Time and room to be arranged Lab

EDCI1350 Curriculum and Instruction in Secondary Education: Mathematics; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390; and six semester hours of 400-level mathematics courses. Corequisite: EDCI 355. For education majors only.* Secondary math education majors only.
0101 **(15012)** Fey, J.
TuTh 2:00pm-3:15pm (EDU 2121)

EDCI1352A *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, EDCI 342A, EDCI 362A, EDCI 372A. For registration purposes, please refer to EDCI 305A.
0101 **(15022)** STAFF
W 10:30am-12:20pm (EDU 2121)
Time and room to be arranged Lab

EDCI1352B *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, EDCI 342B, EDCI 362B, EDCI 372B. For registration purposes, please refer to EDCI 305B.
0101 **(15032)** Strutchens, M.
Th 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI1352C *(PermReq)* **Curriculum and Instruction in Elementary Education: Mathematics; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department; and MATH 210; and MATH 211. Corequisites: EDCI 322; and EDCI 342; and EDCI 362; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 362C and EDCI 372C. For registration purposes, please refer to EDCI 305C.
0101 **(15042)** STAFF
W 8:30am-10:20am (EDU 2121)
Time and room to be arranged Lab

EDCI1355 *(PermReq)* **Field Experience in Secondary Mathematics Education; (1)** S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 390; and six semester hours of 400-level mathematics courses. Corequisite: EDCI 350. For education majors only.* Students must reserve one half day (or a minimum of three hours) per week for observation.
0101 **(15052)** Fey, J.
Time and room to be arranged Lab

EDCI1362A *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 372A. For registration purposes, please refer to EDCI 305A.
0101 **(15062)** Codling, R.
M 1:00pm-2:50pm (EDU 3233)
Time and room to be arranged Lab

EDCI1362B *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 372B. For registration purposes, please refer to EDCI 305B.
0101 **(15072)** Afflerbach, P.
Tu 10:00am-11:50am (EDU 3315)
Time and room to be arranged Lab

EDCI1362C *(PermReq)* **Curriculum and Instruction in Elementary Education: Reading; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 372. For elementary education majors only.* Teamed with EDCI 322C, EDCI 342C, EDCI 352C and EDCI 372C. For registration purposes, please refer to EDCI 305C.
0101 **(15082)** STAFF
M 9:30am-11:20am (EDU 2121)
Time and room to be arranged Lab

EDCI1370 *(PermReq)* **Curriculum and Instruction in Secondary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 413 and EDHD 420; and EDCI 390. For education majors only.* Reserve one day per week for school observations. Secondary education science majors only.
0101 **(15092)** Hammer, D.
W 4:15pm-7:00pm (EDU 2212)

EDCI1372A *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322A, 342A, 352A, 362A. For registration purposes, please refer to EDCI 305A.
0101 **(15102)** McGinnis, J.
W 1:00pm-2:50pm (EDU 2212)
Time and room to be arranged Lab

EDCI1372B *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322B, 342B, 352B, 362B. For registration purposes, please refer to EDCI 305B.
0101 **(15112)** van Zee, E.
Tu 8:00am-9:50am (EDU 2212)
Time and room to be arranged Lab

EDCI1372C *(PermReq)* **Curriculum and Instruction in Elementary Education: Science; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 397; and EDHD 300E; and permission of department. Corequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362. For elementary education majors only.* Teamed with EDCI 322C, 342C, 352C, and 362C. For registration purposes, please refer to EDCI 305C.
0101 **(15122)** Holliday, W.
W 10:30am-12:20pm (EDU 2212)
Time and room to be arranged Lab

EDCI1385 Computers for Teachers; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only. Credit will be granted for only one of the following: EDCI 385; or EDCI 487; or EDIT 406; or EDIT 477; or EDSP 480.*
0101 **(15132)** Sullivan, D.
M 8:30am-9:45am (EDU 0114)
W 8:30am-9:45am (EGR 3140)
0201 **(15133)** Gordon, C.
Tu 12:30pm-1:45pm (EDU 0206)
Th 12:30pm-1:45pm (CSS 1410) Lab
0301 **(15134)** Gordon, C.
Tu 2:00pm-3:15pm (EDU 0206)
Th 2:00pm-3:15pm (CSS 1410)

EDCI1386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

EDCI1390 Principles and Methods of Secondary Education; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. Corequisites: EDHD 413 and EDHD 420. For education majors only.* Open to secondary education majors. Open also to majors 0808P.
0101 **(15179)** STAFF
M 4:15pm-7:00pm (EDU 0114)
0201 **(15180)** STAFF
Tu 1:00pm-4:00pm (EDU 0202)

EDCI1397 Principles and Methods of Teaching in Elementary

Schools; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA. For education majors only.*
0101 **(15190)** STAFF
MW 3:00pm-4:15pm (EDU 2102)
0201 **(15191)** STAFF
MW 11:00am-12:15pm (EDU 2119)
0301 **(15192)** STAFF
TuTh 2:00pm-3:15pm (EDU 3233)

EDCI401 Student Teaching in Elementary School: Art; (4-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(15202)** Hendricks, S.
Time and room to be arranged
Time and room to be arranged Lab

EDCI402 Student Teaching in Secondary Schools: Art; (2-8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 300. For art education majors only.* There is a $240 fee assigned to this course.
0101 **(15212)** Hendricks, S.
W 4:15pm-7:00pm (TWS 2228)

EDCI406 *(PermReq)* **Computers, Art and Chaos Theory; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(15222)** Hendricks, S.
Tu 1:00pm-3:00pm (EDU 1315)
Th 1:00pm-3:00pm (EDU 1315) Lab

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; (3) REG. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 320 or EDCI 321. Corequisite: EDCI 421 or EDCI 422.*
0101 **(15232)** Wilson, R.
M 4:00pm-7:00pm (ASY 3215)

EDCI421 Student Teaching in Secondary Schools: Social Studies/ History; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 320. Corequisite: EDCI 420.* There is a $240 fee assigned to this course.
0101 **(15242)** Cirrincione, J.
Time and room to be arranged

EDCI426 Methods of Teaching Social Studies in Secondary Schools; (3) REG/P-F/AUD. *Prerequisites: EDHD 413 and EDHD 420; and EDCI 390.* Master's certification students only.
0101 **(15252)** Weible, T.
M 4:15pm-7:00pm (JMP 2202)

EDCI428 *(PermReq)* **Field Experience in Secondary Social Studies Teaching; (1)** S-F. Co-requisite: EDCI 320. Students must reserve one half day (or a minimum of 3 hours) per week for observation.
0101 **(15262)** Cirrincione, J.
Time and room to be arranged Lab

EDCI434 Methods of Teaching English to Speakers of Other Languages; (3) REG/P-F/AUD.
0101 **(15272)** Varela, E.
Tu 4:15pm-7:00pm (TWS 0135)

EDCI438 *(PermReq)* **Field Experience in TESOL; (3)** REG/P-F/AUD.
0101 **(15282)** Varela, E.
Time and room to be arranged

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 340. Corequisite: EDCI 441.* Meets Sept. 15, Oct. 13, Nov. 10, Dec. 1.
0101 **(15292)** McKillop, A.
W 4:15pm-5:45pm (ASY 3219)
Time and room to be arranged Lab

EDCI441 Student Teaching in Secondary Schools: English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(15302)** McKillop, A.
Time and room to be arranged

EDCI442 Student Teaching in Secondary Schools: Speech/English; (12) S-F. *Prerequisites: admission to teacher education program; and EDCI 340. Corequisite: EDCI 440.* There is a $240 fee assigned to this course.
0101 **(15312)** McCaleb, J.
Time and room to be arranged

EDCI443 Literature for Children and Youth; (3) REG/P-F/AUD. *For elementary education and pre-elementary education majors only.*
0101 **(15322)** STAFF
Tu 1:00pm-4:00pm (EDU 0212)
0201 **(15323)** Holmberg, J.
Th 1:00pm-4:00pm (EDU 0212)
0301 **(15324)** STAFF
W 1:00pm-4:00pm (EDU 2101)

EDCI443A *(PermReq)* **Literature for Children and Youth; (3)** REG/P-F/AUD. *For elementary education and pre-elementary education majors only.* For early childhood majors only.
0201 **(15334)** STAFF
Th 1:00pm-4:00pm (EDU 1121)

EDCI446 Methods of Teaching English, Speech, Theatre in Secondary Schools; (3) REG/AUD. *Prerequisites: EDHD 413 and EDHD 420; and EDCI 390; or permission of department.* Masters certification students only.
0101 **(15344)** McKillop, A.
MW 2:00pm-3:15pm (EDU 0114)

EDCI447 Field Experience in English, Speech, Theatre Teaching; (1) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and EDCI 390; and EDHD 413 and EDHD 420;. Corequisite: EDCI 340. For education majors only.* Secondary English/ speech/drama education majors only. Students must reserve one half day (or a minimum of three hours) per week for observation.
0101 **(15354)** McKillop, A.
Time and room to be arranged

EDCI448 Student Teaching in Secondary Schools: Theatre/ English; (12) S-F. There is a $240 fee assigned to this course.
0101 **(15364)** McCaleb, J.
Time and room to be arranged

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; 2.5 GPA; and EDCI 350; and EDCI 457. Corequisite: EDCI 451.*
0101 **(15374)** STAFF
M 4:15pm-7:00pm (TWS 2228)

EDCI451 Student Teaching in Secondary Schools: Mathematics; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 350; and EDCI 457. Corequisite: EDCI 450.* There is a $240 fee assigned to this course.
0101 **(15384)** STAFF
Time and room to be arranged

EDCI453 *(PermReq)* **Mathematics in the Elementary School; (3)** REG/P-F/AUD. *Prerequisite: MATH 210 or equivalent.* Masters certification students only.
0101 **(15394)** Strutchens, M.
TuTh 12:30pm-1:45pm (EDU 2121)

EDCI456 Teaching Mathematics to the Educationally Handicapped; (3) REG/P-F/AUD. *Prerequisites: (EDSP 331; and EDSP 332; and EDSP 333; and EDSP 443; and MATH 210) or permission of department.* For special education majors only.
0101 **(15404)** Graeber, A.
MW 1:15pm-2:30pm (EDU 2121)

EDCI460 *(PermReq)* **Student Teaching: Elementary/Middle; (15)** S-F. *Prerequisites: EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. For Elementary Education majors only.* Limited to students in MCTP. Prerequisite: admission to teacher education program, and a 2.5 GPA, and permission of department. There is a $240 fee assigned to this course.
0101 **(15414)** Graeber, A.
Time and room to be arranged

EDCI463 Reading in the Secondary School; (3) REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.*
0101 **(15424)** Saracho, O.
W 4:15pm-7:00pm (JMZ 2206)

EDCI464 Reading Instruction and Diagnosis Across Content Areas; (3) REG/P-F/AUD. *Prerequisite: EDCI 362 or permission of department for graduate students.*
0101 **(15434)** Dreher, M.
Tu 4:15pm-7:00pm (EDU 2101)
Section 0101 is for Team B students only.

0201 **(15435)** Codling, R.
Th 4:15pm-7:00pm (TWS 0131)

EDCI467 Teaching Writing; (3) REG/P-F/AUD. *Prerequisites: EDHD 413, EDHD 420, and EDCI 390; permission of department required for post-baccalaureate students.*
0101 **(15445)** Slater, W.
Tu 4:15pm-7:00pm (TWS 0131)

EDCI473 Environmental Education; (3) REG/P-F/AUD.
0101 **(15455)** STAFF
M 4:15pm-7:00pm (EDU 2212)

EDCI481 Student Teaching: Elementary; (12) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 322; and EDCI 342; and EDCI 352; and EDCI 362; and EDCI 372. Corequisite: EDCI 464.* Limited to elementary majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(15465)** O'Flahavan, J.
Time and room to be arranged

EDCI484 Student Teaching in Elementary School: Music; (4-6) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and MUED 411; and MUED 420; and MUED 470; and MUED 471; and MUED 472. Corequisite: EDCI 494.* Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. There is a $240 fee assigned to this course.
0101 **(15475)** Folstrom, R.
Time and room to be arranged

EDCI485 Student Teaching in Elementary School: Physical Education; (4-8) S-F. *For EDCI majors only.* Limited to majors who have previously applied. There is a $240 fee assigned to this course.
0101 **(15485)** Owens, L.
Time and room to be arranged

EDCI489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI491 Student Teaching in Secondary Schools: Health; (12) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(15529)** Hyde, D.
Time and room to be arranged

EDCI494 Student Teaching in Secondary Schools: Music; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(15539)** Folstrom, R.
Time and room to be arranged

EDCI495 Student Teaching in Secondary Schools: Physical Education; (2-8) S-F. *For EDCI majors only.* There is a $240 fee assigned to this course.
0101 **(15549)** Owens, L.
Time and room to be arranged

EDCI498 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI635 English Grammar for Teachers of English to Speakers of Other Languages; (3) REG/AUD. *Prerequisite: EDCI 434 or EDCI 630, or permission of department.*
0101 **(15608)** Varela, E.
W 4:15pm-7:00pm (TWS 0135)

EDCI637 Advanced Laboratory Practice in Foreign Language/ TESOL Education; (2-6) REG/AUD. *Prerequisites: EDCI 434; and EDCI 634; or permission of department.* There is a $240 fee assigned to this course.
0101 **(15618)** Varela, E.
Time and room to be arranged

EDCI640 Trends in Secondary School Curriculum: English; (3) REG/AUD.
0101 **(15628)** Slater, W.
Th 4:15pm-7:00pm (EDU 2101)

EDCI650 Trends in Mathematics Education; (3) REG/AUD.
0101 **(15638)** Cooper, D.
W 4:15pm-7:00pm (EDU 2121)

EDCI660 Diagnostic Reading Instruction; (3) REG/AUD. *Prerequisite: EDCI 362 or EDCI 463 or equivalent.*
0101 **(15648)** Chambliss, M.
M 4:15pm-7:00pm (EDU 2102)

EDCI663 Issues in Reading Education; (3) REG/AUD. *Prerequisite: EDCI 660.*
0101 **(15658)** Dreher, M.
Th 4:15pm-7:00pm (EDU 2102)

EDCI664 Clinical Assessment in Reading; (3) REG/AUD. *Prerequisites: (EDCI 660; and EDCI 661; and EDCI 663) or permission of department.*
0101 **(15668)** Codling, R.
Tu 4:15pm-7:00pm (JMZ 1122)

EDCI670 Trends in School Curriculum: Science; (3) REG/AUD.
0101 **(15678)** van Zee, E.
Tu 4:15pm-7:00pm (EDU 2212)

EDCI682 Proseminar in Professional Development; (3) REG/AUD.
0101 **(15688)** Valli, L.
W 4:15pm-7:00pm (EDU 2101)

EDCI684 Introduction to Field Methods in School and Community; (3) REG/AUD.
0101 **(15698)** Price, J.
Th 4:15pm-7:00pm (EDU 3236)

EDCI685 Research Methods; (3) REG/AUD.
0101 **(15708)** STAFF
Tu 4:15pm-7:00pm (EDU 0114).

EDCI693 *(PermReq)* **Research on Effective Teaching; (3)** REG. *Prerequisite: permission of department.* Masters certification students only.
0101 **(15718)** McCaleb, J.
Th 9:00am-12:00pm (EDU 0202)
0201 **(15719)** Price, J.
Th 9:00am-12:00pm (EDU 2102)

EDCI695 Teaching Science and Social Studies through Environmental Study; (3) REG/AUD. *For EDCI majors only.*
0101 **(15730)** McGinnis, J.
Tu 1:00pm-4:00pm (EDU 2212)

EDCI730 *(PermReq)* **Theory and Research in Second Language Teaching, Learning and Assessment; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(15760)** STAFF
M 4:15pm-7:00pm (EDU 0220)

EDCI769 Theory and Research in Reading; (3) REG/AUD.
0101 **(15770)** Chambliss, M.
W 4:15pm-7:00pm (EDU 0114)

EDCI780 Theory and Research on Teaching; (3) REG/AUD.
0101 **(15780)** STAFF
Th 4:15pm-7:00pm (EDU 1210B)

EDCI788 Selected Topics in Teacher Education; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI788G Selected Topics in Teacher Education: Proseminar; (1) REG/AUD. For Master's certification students only.
0101 **(15830)** STAFF
W 1:00pm-2:00pm (EDU 3233)
0201 **(15831)** STAFF
W 2:00pm-3:00pm (EDU 3233)
0301 **(15832)** STAFF
W 3:00pm-4:00pm (EDU 3233)

EDCI788I *(PermReq)* **Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; (3)** REG. Masters certification students only.
0101 **(15842)** O'Flahavan, J.
M 9:00am-12:00pm (EDU 2102)
0201 **(15843)** Afflerbach, P.
M 9:00am-12:00pm (EDU 0206)

EDCI788N Selected Topics in Teacher Education: Doctoral Seminar; (1-3) REG/AUD.
0101 **(15853)** Holliday, W.
Th 7:00pm-9:00pm (EDU 0114)

EDCI798 *(PermReq)* **Special Problems in Teacher Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCI858 Seminar in Mathematics Education; (1) REG/AUD.
0101 **(15946)** Fey, J.
F 10:00am-12:00pm (EDU 2121)
Time and room to be arranged Dis

EDCI880 *(PermReq)* **Doctoral Proposal Seminar; (3)** REG/AUD. *Prerequisites: EDCI 685; and EDCI 780; and permission of department.*
0101 **(15956)** STAFF
W 4:15pm-7:00pm (EDU 1210B)

EDCI888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI888A *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. There is a $240 lab fee assigned to this course.

EDCI889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCI899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP Education Counseling and Personnel Services *(Education)*

All sections of EDCP 108, except EDCP 108J and 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; (1) REG/P-F/AUD.
0101 **(16138)** STAFF
Meets 09/01/99-10/15/99
MWF 9:00am-9:50am (KEY 0102)
0201 **(16139)** STAFF
Meets 10/18/99-12/08/99
MWF 9:00am-9:50am (KEY 0102)
0301 **(16140)** STAFF
Meets 10/18/99-12/08/99
MWF 12:00pm-1:00pm (SYM 0200)

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; (1) REG/P-F/AUD. Recommended for second semester freshmen and sophomores.
0101 **(16150)** STAFF
M 1:00pm-3:00pm (EDU 0202)
0201 **(16151)** STAFF
M 10:00am-12:00pm (EDU 0114)
0301 **(16152)** STAFF
M 2:00pm-4:00pm (EDU 0206)
0401 **(16153)** STAFF
W 1:00pm-3:00pm (HBK 0123)
0501 **(16154)** STAFF
W 10:00am-12:00pm (EDU 0206)
0601 **(16155)** STAFF
Tu 10:00am-12:00pm (COL 3110)
0701 **(16156)** STAFF
Tu 1:00pm-3:00pm (BPS 1232)

EDCP108G College and Career Advancement: Concepts and Skills: The Transfer Student in the University; (1) REG/P-F/AUD.
0101 **(16166)** Goldberg, B.
M 11:00am-1:00pm (EGR 2112)

EDCP108K *(PermReq)* **College and Career Advancement: Concepts and Skills: Reading at the College Level; (1)** REG/P-F/AUD. Permission of instructor. Recommended for students with learning disabilities.
0101 **(16176)** Hayeslip, M.
W 3:00pm-3:50pm (HBK 0125)

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; (1) REG/P-F/AUD.
0101 **(16186)** STAFF
W 9:00am-11:00am (EDU 0202)

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; (1) REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 and MATH 002.
0101 **(16196)** STAFF
Meets 09/01/99-10/09/99
MWF 4:00pm-4:50pm (CHM 0124)
0201 **(16197)** STAFF
Meets 09/01/99-10/09/99
TuTh 9:30am-10:45am (ARM 0121)
0301 **(16198)** STAFF
Meets 10/18/99-12/08/99
MWF 12:00pm-12:50pm (DNC 1147A)

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; (1) REG.
0101 **(16208)** Bass, D.
M 2:00pm-3:00pm (HBK 0125)
0102 **(16209)** Zeigler, R.
M 3:00pm-4:00pm (HBK 0123)
0105 **(16210)** STAFF
F 9:00am-10:00am (HBK 0105)
0106 **(16211)** STAFF
F 10:00am-11:00am (HBK 0105)
0108 **(16212)** Zoppi, I.
Th 10:00am-11:00am (HBK 0105)
0109 **(16213)** Jackson, J.
Th 11:00am-12:00pm (HBK 0105)
0111 **(16214)** STAFF
M 10:00am-11:00am (HBK 0109)
0112 **(16215)** Ting, Y.
M 11:00am-12:00pm (HBK 0115)
0113 **(16216)** STAFF
Tu 12:00pm-1:00pm (HBK 0105)
0114 **(16217)** Smith, J.
Th 12:00pm-1:00pm (HBK 0105)
0115 **(16218)** Thomas, P.
M 1:00pm-2:00pm (HBK 1108)

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; (1) REG. Restricted to first-year students.
0002 **(16228)** STAFF
W 1:00pm-3:00pm (PLS 1162)
Section 0002 is open to all majors.

0003 **(16229)** STAFF
W 2:00pm-4:00pm (JMZ 1226)
Section 0003 is open to all majors.

0004 **(16230)** STAFF
Th 3:00pm-5:00pm (ARM 0118)
Section 0004 is open to all majors.

0006 **(16231)** STAFF
Time and room to be arranged
Section 0006 is by permission of instructor only.

0102 **(16232)** STAFF
W 3:00pm-5:00pm (KEY 0102)
W 3:00pm-5:00pm (TLF 1101) Dis
Section 0102 is restricted to ARHU majors.

0103 **(16233)** STAFF
W 3:00pm-5:00pm (KEY 0102)
W 3:00pm-5:00pm (TYD 1128) Dis
Section 0103 is restricted to ARHU majors.

0104 **(16234)** STAFF
W 3:00pm-5:00pm (KEY 0102)
W 3:00pm-5:00pm (HJP 2242)
Section 0104 is restricted to ARHU majors.

0105 **(16235)** STAFF
Th 3:00pm-5:00pm (KEY 0102)
Th 3:00pm-5:00pm (ASY 3203) Dis

Section 0105 is restricted to ARHU majors.

0106 (16236) STAFF
Th 3:00pm-5:00pm (KEY 0102)
Th 3:00pm-5:00pm (LEF 1201) Dis

Section 0106 is restricted to ARHU majors.

0200 (16237) STAFF
Th 3:00pm-5:00pm (KEY 0102)
Th 3:00pm-5:00pm (JMZ 0125) Dis

Section 0200 is restricted to BSOS majors.

0201 (16238) STAFF
Tu 2:00pm-4:00pm (LEF 2207)

Section 0201 is restricted to BSOS majors.
Recommended for Criminal Justices majors.

0202 (16239) STAFF
W 1:00pm-3:00pm (KEY 0117)

Section 0202 is restricted to BSOS majors.

0203 (16240) LaSota, S.
Th 1:00pm-3:00pm (ARM 0101)

Section 0203 is restricted to BSOS majors.
Recommended for Government and Poltics majors.

0204 (16241) STAFF
Th 3:00pm-5:00pm (TLF 1103)

Section 0204 is restricted to BSOS majors.

0205 (16242) STAFF
M 11:00am-1:00pm (ARC 1123)

Section 0205 is restricted to BSOS majors.
Recommended for Criminal Justice majors.

0206 (16243) STAFF
M 1:00pm-3:00pm (ASY 3217)

Section 0206 is restricted to BSOS majors.
Recommended for students of color in BSOS.

0207 (16244) STAFF
M 4:00pm-6:00pm (KEY 0117)

Section 0207 is restricted to BSOS majors.
Recommended for Government and Politics majors.

0301 (16245) STAFF
M 2:00pm-4:00pm (ASY 3215)

Section 0301 is restricted to BMGT majors.

0302 (16246) STAFF
Tu 8:00am-10:00am (ARC 1101)

Section 0302 is restricted to BMGT majors.

0303 (16247) STAFF
W 3:30pm-5:30pm (SQH 1101)

Section 0303 is restricted to BMGT majors.

0304 (16248) STAFF
TuTh 8:30am-9:20am (VMH 1314)

Section 0304 is restricted to BMGT majors.

0305 (16249) STAFF
Th 9:00am-11:00am (ASY 3217)

Section 0305 is restricted to BMGT majors.

0401 (16250) STAFF
W 2:00pm-3:50pm (JMP 2202)

Section 0401 is restricted to CMPS majors in a First Year Focus Cluster.

0402 (16251) STAFF
Th 2:00pm-3:50pm (JMP 1109)

Section 0402 is restricted to CMPS majors in a First Year Focus Cluster.

0501 (16252) STAFF
W 11:00am-1:00pm (EDU 0202)

Section 0501 is restricted to Education majors.

0502 (16253) STAFF
W 3:00pm-5:00pm (TWS 2212)

Section 0502 is restricted to Education majors.

0503 (16254) STAFF
Th 12:00pm-2:00pm (EGR 3102)

Section 0503 is restricted to Education majors.

0601 (16255) STAFF
M 2:00pm-4:00pm (EGR 1110)

Section 0601 is restricted to Engineering majors.

0602 (16256) STAFF
TuTh 10:00am-10:50am (JMP 3105)

Section 0601 is restricted to Engineering majors in a First Year Focus Cluster.

0603 (16257) STAFF
W 2:00pm-3:30pm (JMZ 3120)

Section 0603 is restricted to transfer Engineering majors.

0701 (16258) STAFF
W 3:00pm-5:00pm (JMZ 3205)

Section 0701 is restricted to Journalism majors.

0702 (16259) STAFF
M 3:00pm-5:00pm (KEY 0125)

Section 0702 is restricted to Journalism majors.

0801 (16260) STAFF
M 1:00pm-3:00pm (PHY 1221)

Section 0801 is restricted to Letters and Sciences students.

0802 (16261) STAFF
M 2:00pm-4:00pm (ARM 0101)

Section 0802 is restricted to Letters and Sciences students.

0803 (16262) STAFF
M 3:00pm-5:00pm (JMZ 2123)

Section 0803 is restricted to Letters and Sciences students.

0804 (16263) STAFF
M 3:00pm-5:00pm (HBK 0125)

Section 0804 is restricted to Letters and Sciences students.

0805 (16264) STAFF
Tu 10:00am-12:00pm (JMP 2202)

Section 0805 is restricted to Letters and Sciences students.

0806 (16265) STAFF
Tu 10:00am-12:00pm (BPS 1234)

Section 0806 is restricted to Letters and Sciences students.

0807 (16266) STAFF
Tu 10:00am-12:00pm (ASY 3217)

Section 0807 is restricted to Letters and Sciences students.

0808 (16267) STAFF
Tu 1:00pm-3:00pm (ASY 3217)

Section 0808 is restricted to Letters and Sciences students.

0809 (16268) STAFF
Tu 2:00pm-4:00pm (ARM 0118)

Section 0809 is restricted to Letters and Sciences students.

0810 (16269) STAFF
Tu 2:00pm-4:00pm (HBK 0125)

Section 0810 is restricted to Letters and Sciences students.

0811 (16270) STAFF
Tu 2:00pm-4:00pm (JMZ 0103)

Section 0811 is restricted to Letters and Sciences students.

0813 (16271) STAFF
W 9:00am-11:00am (BPS 1234)

Section 0813 is restricted to Letters and Sciences students.

0814 (16272) STAFF
W 10:00am-12:00pm (HBK 0115)

Section 0814 is restricted to Letters and Sciences students.

0815 (16273) STAFF
W 1:00pm-3:00pm (HBK 0125)

Section 0815 is restricted to Letters and Sciences students.

0816 (16274) STAFF
W 1:00pm-3:00pm (LEF 1220)

Section 0816 is restricted to Letters and Sciences students.

0817 (16275) STAFF
W 2:00pm-4:00pm (ARM 0101)

Section 0817 is restricted to Letters and Sciences students.

0818 (16276) STAFF
W 2:00pm-4:00pm (HJP 1229)

Section 0818 is restricted to Letters and Sciences Pre-Med students.

0819 (16277) STAFF
W 2:00pm-4:00pm (HBK 0105)

Section 0819 is restricted to Letters and Sciences students.

0820 (16278) STAFF
W 3:00pm-5:00pm (JMZ 1224)

Section 0820 is restricted to Letters and Sciences students.

0821 (16279) STAFF
W 6:00pm-8:00pm (JMZ 1124)

Section 0821 is restricted to Pre-law majors.

0822 (16280) STAFF
Th 10:00am-12:00pm (JMZ 2117)

Section 0822 is restricted to Letters and Sciences students

0824 (16281) STAFF
Th 12:00pm-2:00pm (BPS 1234)

Section 0824 is restricted to Letters and Sciences students.

0825 (16282) STAFF
Th 2:00pm-4:00pm (ARC 1123)

Section 0825 is restricted to Letters and Sciences students.

0826 (16283) STAFF
Tu 7:00pm-9:00pm (BPS 1228)

Section 0826 is restricted to Letters and Sciences students and recommended for Pre-law students.

0827 (16284) STAFF
Th 10:00am-12:00pm (PLS 1164)

Section 0827 is restricted to Letters and Sciences students.

0840 (16285) STAFF
Th 11:00am-1:00pm (JMZ 3120)

Restricted to students in a First Year Focus Cluster.

0841 (16286) STAFF
TuTh 3:00pm-4:00pm (HBK 1108)

Restricted to students in a First Year Focus Cluster.

0850 (16287) STAFF
M 10:00am-12:00pm (TWS 0138)

Restricted to students in a First Year Focus Cluster.

0851 (16288) STAFF
M 1:00pm-3:00pm (BPS 1234)

Restricted to students in a First Year Focus Cluster.

0852 (16289) STAFF
M 3:00pm-5:00pm (PLS 1146)

Restricted to students in a First Year Focus Cluster.

0853 (16290) STAFF
W 10:00am-12:00pm (TYD 1128)

Restricted to students in a First Year Focus Cluster.

0854 (16291) STAFF
Th 10:00am-12:00pm (HBK 0108E)

Restricted to students in a First Year Focus Cluster.

0901 (16292) STAFF
M 2:00pm-4:00pm (HBK 0105)

Section 0901 is restricted to Life Sciences majors.

0902 (16293) STAFF
M 2:00pm-4:00pm (SYM 0115)

Section 0902 is restricted to Life Sciences majors.

0903 (16294) STAFF
Tu 9:00am-11:00am (SYM 0115)

Section 0903 is restricted to Life Sciences majors.

0904 (16295) STAFF
Tu 10:00am-12:00pm (HBK 0105)

Section 0904 is restricted to Life Sciences majors.

0906 (16296) STAFF
Tu 1:00pm-3:00pm (BPS 1234)

Section 0906 is restricted to Life Sciences majors.

0907 (16297) STAFF
Tu 2:00pm-4:00pm (TWS 0131)

Section 0907 is restricted to Life Sciences majors.

0908 (16298) STAFF
Tu 2:00pm-4:00pm (SYM 0115)

Section 0908 is restricted to Life Sciences majors.

0909 (16299) STAFF
W 1:00pm-3:00pm (PLS 1184)

Section 0909 is restricted to Life Sciences majors.

0910 (16300) STAFF
W 2:00pm-4:00pm (SYM 0115)

Section 0910 is restricted to Life Sciences majors.

0911 (16301) STAFF
Th 9:00am-11:00am (PLS 1168)

Section 0911 is restricted to Life Sciences majors.

0913 (16302) STAFF
Th 2:00pm-4:00pm (ARM 0105)

Section 0913 is restricted to Life Sciences majors.

0914 (16303) STAFF
Th 2:00pm-4:00pm (SYM 0115)

Section 0914 is restricted to Life Sciences majors.

0915 (16304) STAFF
Th 9:00am-11:00am (JMP 2202)

Section 0915 is restricted to Life Sciences majors.

0916 (16305) STAFF
Th 2:00pm-4:00pm (JMZ 2120)

Section 0916 is restricted to Life Sciences majors.

0917 (16306) STAFF
MF 12:00pm-12:50pm (SYM 0115)

Permission required. Section 0917 is restricted to Life Sciences majors.

1001 (16307) STAFF
MW 9:00am-10:00am (COL 0100)

Section 1001 is restricted to Intercollegiate (NCAA) Athletes.

1002 (16308) STAFF
M 7:00pm-9:00pm (COL 0100)

Section 1002 is restricted to Intercollegiate (NCAA) Athletes.

1003 (16309) STAFF
TuTh 11:00am-12:00pm (COL 0100)

Section 1003 is restricted to Intercollegiate (NCAA) Athletes.

1004 (16310) STAFF
Tu 7:00pm-9:00pm (COL 0100)

Section 1004 is restricted to Intercollegiate (NCAA) Athletes.

1101 (16311) STAFF
Tu 1:00pm-3:00pm (JMP 2202)

Section 1101 is restricted to Architecture majors.

1102 (16312) STAFF
Tu 3:00pm-5:00pm (TLF 1103)

Section 1102 is restricted to Architecture majors.

1103 (16313) STAFF
Th 2:00pm-4:00pm (ARC 1127)

Section 1103 is restricted to Architecture majors.

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; (1) REG/P-F/AUD.
0101 (16323) Greenfeig, B.
W 1:00pm-3:00pm (EDU 1210B)
0201 (16324) Goldberg, B.
Th 12:30pm-2:30pm (HBK 0125)

EDCP108W College and Career Advancement: Concepts and Skills; (1) REG/P-F/AUD.
0101 (16334) Petersen, D.
F 10:00am-12:00pm (EDU 0210)

EDCP108X College and Career Advancement: Concepts and Skills: Academic Skills for International Students; (1) REG/P-F/AUD.
0101 (16344) STAFF
Th 3:00pm-4:30pm (LEF 1220)

EDCP310 Peer Counseling Theory and Skills; (3) REG.
0101 (16354) STAFF
TuTh 9:30am-10:45am (EDU 2119)
0301 (16355) STAFF
W 4:15pm-7:00pm (ASY 3221)

EDCP310A *(PermReq)* **Peer Counseling Theory and Skills; (3)** REG. Minority peer counseling. Instructor permission required.
0101 (16365) Cothran, M.
W 2:00pm-4:45pm (HBK 1116)

EDCP317 Introduction to Leadership; (3) REG/P-F/AUD.
0101 (16375) STAFF
TuTh 9:30am-10:45am (JMZ 1117)
0201 (16376) STAFF
TuTh 11:00am-12:15pm (EDU 3236)
0301 (16377) STAFF
TuTh 2:00pm-3:15pm (HBK 0123)
0401 (16378) STAFF
MW 11:00am-12:15pm (EDU 3236)
0501 (16379) STAFF
MW 2:00pm-3:15pm (JMZ 2117)

EDCP386 *(PermReq)* **Experiential Learning; (3)** REG. *Prerequisite: permission of department. 56 semester hours.*
0101 (16389) Komives, S.
Time and room to be arranged
3301 (16390) Komives, S.
Time and room to be arranged
4801 (16391) Komives, S.
Time and room to be arranged

EDCP417 *(PermReq)* **Advanced Leadership Seminar; (3)** REG/P-F/AUD. *Prerequisite: EDCP 317 or equivalent; permission of department.*
0101 (16401) STAFF
Tu 1:15pm-4:00pm (JMZ 1124)

EDCP418A *(PermReq)* **Special Topics in Leadership: Leadership and Ethnicity; (3)** REG/P-F/AUD.
0101 (16411) Dula, B.
TuTh 2:00pm-3:15pm (JMZ 1224)

EDCP489 *(PermReq)* **Field Experiences in Counseling and Personnel Services; (1-4)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP498 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP499L *(PermReq)* **Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; (3)** REG/P-F/AUD.
0201 (16458) Mielke, P.
Time and room to be arranged

EDCP610C Professional Orientation; (3) REG/AUD. Limited to community counseling students.
0101 (16468) Hershenson, D.
W 4:15pm-7:00pm (EDU 0210)

EDCP610R Professional Orientation; (3) REG/AUD. Limited to rehabilitation counseling students.
0101 (16478) STAFF
W 4:15pm-7:00pm (TWS 0131)

EDCP610S Professional Orientation; (3) REG/AUD. Limited to school counseling students.
0101 (16488) Greenberg, K.
W 4:15pm-7:00pm (EDU 3236)

EDCP610U Professional Orientation; (3) REG. Limited to college student personnel students.
0101 (16498) Komives, S.
W 3:15pm-6:00pm (JMZ 2125)

EDCP612 Multicultural Issues in Counseling and Personnel Services; (3) REG/AUD. *Prerequisites: EDMS 646; and EDCP 616; or permission of department.*
0201 **(16508)** Boyd, V.
Th 2:00pm-5:00pm (EDU 0210)

EDCP614 Personality Theories in Counseling and Personnel Services; (3) REG/AUD.
0101 **(16518)** Holcomb-Mccoy, C.
Th 4:15pm-7:00pm (EDU 0114)

EDCP616 *(PermReq)* **Counseling II: Theory and Practice; (3)** REG/AUD. *Prerequisite: EDCP 615. Corequisite: EDCP 618.*
0101 **(16528)** Strein, W.
Tu 4:15pm-5:30pm (EDU 1121)
Tu 5:30pm-7:00pm (EDU 1121) Dis
Limited to school counseling and school psychology students only.

0201 **(16529)** Strein, W.
Tu 4:15pm-5:30pm (EDU 1121)
Tu 5:30pm-7:00pm (TWS 0138) Dis
Limited to Rehabilitation counseling students only.

0301 **(16530)** Strein, W.
Tu 4:15pm-5:30pm (EDU 1121)
Tu 5:30pm-7:00pm (ARC 1121) Dis
Limited to college student personnel students only.

0401 **(16531)** Strein, W.
Tu 4:15pm-5:30pm (EDU 1121)
Tu 5:30pm-7:00pm (JMZ 0125) Dis
Limited to community conference counseling students only.

EDCP618 Counseling Skills: Introduction to Practicum; (1) REG. Corequisite: EDCP 616.
0101 **(16541)** STAFF
M 7:00pm-9:00pm (EDU 1121)
0201 **(16542)** STAFF
M 7:00pm-9:00pm (EDU 0212)

EDCP619C *(PermReq)* **Practicum in Counseling; (3)** REG/AUD. Limited to community counseling majors.
0101 **(16552)** Power, P.
Tu 11:00am-1:00pm (EDU 0210)

EDCP619R Practicum in Counseling; (2-6) REG/AUD. Rehabilitation students only.
0101 **(16562)** STAFF
Tu 7:00pm-9:45pm (EDU 3236)

EDCP619U Practicum in Counseling; (3) REG. Limited to CSPA majors. Prerequisites: EDCP 616 and EDCP 615.
0101 **(16572)** STAFF
Tu 3:15pm-6:00pm (SHM 1123)

EDCP632 Cognitive Assessment; (3) REG/AUD. *Prerequisite: Limited to school psychology students or permission of department.*
0101 **(16582)** Strein, W.
M 1:00pm-4:00pm (EDU 0210)

EDCP634 Diagnostic Appraisal of Children II; (3) REG. *Prerequisite: EDCP 633. Corequisite: EDCP 738.*
0101 **(16592)** Teglasi-Golubcow, H.
Tu 3:15pm-6:00pm (Arranged)

EDCP635 School Consultation I; (3) REG/AUD. *Prerequisite: limited to school psychology students or permission of instructor.*
0101 **(16602)** Rosenfield, S.
W 3:15pm-6:00pm (EDU 0206)

EDCP651 Group Counseling in Schools; (3) REG/AUD. *Prerequisite: EDCP 616. For school counseling and school psychology students only or permission of instructor.*
0101 **(16612)** Holcomb-Mccoy, C.
Tu 4:15pm-7:00pm (EDU 0206)

EDCP656 Counseling and Personnel Services Seminar; (2) REG. Limited to first year CSPA students only.
0101 **(16622)** Komives, S.
Tu 1:30pm-4:15pm (EDU 2101)

EDCP662 Medical Aspects of Disability; (3) REG/AUD. *Prerequisite: EDCP 610 or equivalent.*
0101 **(16632)** STAFF
M 4:15pm-7:00pm (TWS 2212)

EDCP665 Family and Social Support Systems; (3) REG/AUD. *Recommended: EDCP 610.*
0101 **(16642)** Power, P.
M 7:00pm-9:45pm (EDU 3233)

EDCP716 Advanced Counseling Theory Seminar; (3) REG/AUD. *Prerequisite: Master's degree in counseling or permission of department.*
0101 **(16652)** Hershenson, D.
M 4:15pm-7:00pm (EDU 0206)

EDCP718 Advanced Seminar in Group Processes; (3) REG.
0101 **(16662)** Phillips, P.
Tu 2:00pm-5:00pm (EDU 0210)

EDCP738 Practicum in Child Assessment; (3) REG/AUD.
0101 **(16672)** Teglasi-Golubcow, H.
Th 9:00am-12:15pm (EDU 0206)

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; (1) REG. Limited to counseling PSYC majors.
0101 **(16682)** Lent, R.
Tu 11:00am-12:45pm (EDU 2102)
0201 **(16683)** Pope-Davis, D.
Tu 11:00am-12:45pm (EDU 2101)

EDCP789K Advanced Topics in Counseling and Personnel Services: Environmental Assessment; (3) REG.
0101 **(16693)** Milem, J.
M 4:15pm-7:00pm (EDU 1210B)

EDCP789L Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; (1) REG. Limited to CSP doctoral students.
0101 **(16703)** Bagwell, D.
Tu 2:00pm-4:00pm (Arranged)

EDCP789P Advanced Topics in Counseling and Personnel Services: School Psychology Seminar; (1) REG.
0101 **(16713)** Rogers, M.
Tu 1:00pm-3:00pm (EDU 1210B)
Section 0101 is for first year School Psychology students only.

0201 **(16714)** Rogers, M.
Tu 10:00am-12:00pm (EDU 0206)
Section 0201 is for second and third year School Psychology students.

EDCP789U *(PermReq)* **Advanced Topics in Counseling and Personnel Services: Capstone Seminar; (3)** REG/AUD. Limited to advanced CSP doctoral students.
0101 **(16724)** Thomas, W.
W 4:15pm-7:00pm (COL 3111)

EDCP789Z Advanced Topics in Counseling and Personnel Services: Multicultural Practice in Student Affairs; (2) REG/AUD.
0101 **(16734)** McEwen, M.
Tu 4:15pm-7:00pm (EDU 4233)
0201 **(16735)** McEwen, M.
Tu 4:15pm-7:00pm (JMZ 1124)

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888 *(PermReq)* **Apprenticeship in Counseling and Personnel Services; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP888G Apprenticeship in Counseling and Personnel Services: School Counseling; (3) REG. For school counseling students.
0101 **(16850)** STAFF
Th 4:15pm-7:00pm (TWS 0135)

EDCP888R *(PermReq)* **Apprenticeship in Counseling and Personnel Services; (3)** REG/AUD. For second year Rehabilitation Counseling students only.
0101 **(16860)** Scales, W.
M 7:00pm-9:45pm (EDU 0210)

EDCP888S Apprenticeship in Counseling and Personnel Services: School Psychology; (1-8) REG/AUD. For school psychology students only.
0101 **(16870)** Rogers, M.
Tu 4:30pm-6:30pm (TWS 2212)

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; (3) REG/AUD.
0101 **(16880)** STAFF
Tu 3:15pm-6:00pm (ASY 3219)

EDCP889 Internship in Counseling and Personnel Services: Internship in Counseling and Personnel Services; (1-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDCP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDHD Education, Human Development *(Education)*

EDHD230 Human Development and Societal Institutions; (3) REG/AUD. CORE: SB DIVERSITY
0101 **(17013)** STAFF
TuTh 9:30am-10:45am (EDU 3236)
0201 **(17014)** STAFF
TuTh 12:30pm-1:45pm (EDU 0114)
0301 **(17015)** Torney-Purta, J.
TuTh 11:00am-12:15pm (EGR 3140)

EDHD300E *(PermReq)* **Human Development and Learning; (6)** REG/P-F/AUD. *Prerequisite: admission to teacher education program.*
0201 **(17025)** Robertson-Tchabo, E.
MW 12:30pm-2:30pm (EDU 2102)
Tu 8:00am-1:00pm (Arranged) Lab
0301 **(17026)** Reio, T.
TuTh 9:00am-11:00am (EDU 4233)
F 8:00am-1:00pm (Arranged) Lab

EDHD306 Study of Human Behavior; (3) REG/AUD.
0101 **(17036)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2206)
0201 **(17037)** STAFF
TuTh 9:30am-10:45am (EDU 1121)
0401 **(17038)** STAFF
MWF 10:00am-10:50am (EDU 0212)

EDHD312 *(PermReq)* **Professional Development Seminar in Early Childhood Education; (3)** REG/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDHD 313; and EDCI 314; and EDHD 416; and EDHD 419A. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 312 or EDCI 312. Formerly EDCI 312.*
0101 **(17048)** Klein, E.
M 1:30pm-4:00pm (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(17049)** Klein, E.
M 1:30pm-4:00pm (EDU 0212)
For registration purposes, please refer to EDHD 305+ 0201.

EDHD313 *(PermReq)* **Creative Activities for Young Children; (3)** REG/P-F/AUD. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDCI 280. Corequisites: EDCI 314; and EDHD 312; and EDCI 488E; and EDHD 419A. For early childhood majors only. Credit will be granted for only one of the following: EDHD 313 or EDCI 313. Formerly EDCI 313.*
0101 **(17059)** Favretto, F.
Th 10:00am-12:00pm (EDU 1107)
Time and room to be arranged Lab
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(17060)** Favretto, F.
Th 1:00pm-3:00pm (EDU 0202)
Time and room to be arranged Lab
For registration purposes, please refer to EDHD 305+ 0201.

EDHD320 Human Development through the Lifespan; (3) REG/AUD.
0101 **(17070)** STAFF
TuTh 11:00am-12:15pm (EDU 1121)
0201 **(17071)** STAFF
TuTh 12:30pm-1:45pm (EDU 3315)
0401 **(17072)** STAFF
MWF 10:00am-10:50am (EDU 3315)

EDHD386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

EDHD400 Introduction to Gerontology; (3) REG/AUD.
0101 **(17105)** Smith, G.
M 1:00pm-3:45pm (EDU 2101)

EDHD411 Child Growth and Development; (3) REG/AUD.
0101 **(17115)** STAFF
W 4:15pm-7:00pm (EDU 3315)

EDHD413 Adolescent Development; (3) REG/AUD.
0101 **(17125)** STAFF
Tu 4:15pm-7:00pm (KEY 0103)
0201 **(17126)** STAFF
TuTh 12:30pm-1:45pm (EDU 3233)
0301 **(17127)** STAFF
MWF 10:00am-10:50am (EDU 4233)
Section 0301 is for education majors only.

EDHD416 *(PermReq)* **Scientific Concepts in Human Development; (3)** REG/AUD.
0101 **(17137)** STAFF
Tu 9:00am-10:00am (EDU 1107)
Time and room to be arranged Dis
For registration purposes, please refer to EDHD 305+ 0101.

0201 **(17138)** STAFF
Time and room to be arranged

EDHD417 *(PermReq)* **Laboratory in Behavior Analysis; (3)** REG/P-F/AUD. *Prerequisite: EDHD 416.*
0101 **(17148)** STAFF
Time and room to be arranged

EDHD419A *(PermReq)* **Human Development and Learning in School Settings: Infancy and Preschool; (3)** REG/AUD. Open to pre-early childhood and early childhood education majors only.
0101 **(17158)** Jones Harden, B.
Tu 10:00am-12:00pm (EDU 1107)
MW 9:00am-12:00pm (Arranged) Lab
For registration purposes, please refer to EDHD 305+.

EDHD420 Cognitive Development and Learning; (3) REG/AUD. *Prerequisite: EDHD 300 or EDHD 320 or EDHD 411 or PSYC 355 or PSYC 341 or permission of department.* Education majors only.
0101 **(17168)** STAFF
MWF 10:00am-10:50am (EDU 3236)
0201 **(17169)** STAFF
MWF 11:00am-11:50am (EDU 0212)

EDHD421 Student Teaching: Preschool; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 421 or EDCI 411. Formerly EDCI 411.*
0101 **(17179)** Flatter, C.
Time and room to be arranged

EDHD422 Students Teaching: Kindergarten; (4) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 422 or EDCI 412. Formerly EDCI 412.*
0101 **(17189)** Flatter, C.
Time and room to be arranged

EDHD423 Student Teaching: Primary Grades; (8) S-F. *Prerequisites: admission to teacher education program; and 2.5 GPA; and permission of department; and EDHD 312; and EDHD 313; and EDHD 419A; and EDHD 419B; and EDHD 416. For early childhood education majors only. Credit will be granted for only one of the following: EDHD 423 or EDCI 413. Formerly EDCI 413.*
0101 **(17199)** Flatter, C.
Time and room to be arranged

EDHD430 Adolescent Violence; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or EDHD 300 or permission of department.*
0101 **(17209)** Marcus, R.
M 4:15pm-7:00pm (EDU 2119)

EDHD445 Guidance of Young Children; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(17219)** STAFF
Tu 4:15pm-7:00pm (TWS 0147)
0201 **(17220)** Marcus, R.
TuTh 2:00pm-3:15pm (EDU 3315)
0401 **(17221)** Marcus, R.
TuTh 11:00am-12:15pm (EDU 2119)

EDHD460 Educational Psychology; (3) REG/AUD. *Prerequisite: PSYC 100 or EDHD 306 or permission of department.*
0101 **(17231)** Alexander, P.
TuTh 2:00pm-3:15pm (EDU 4233)
0201 **(17232)** STAFF
Th 7:00pm-9:45pm (EDU 3236)

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD498 *(PermReq)* **Special Problems in Education; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD600 Introduction to Human Development and Child Study; (3) REG/AUD.
0101 **(17298)** STAFF
Tu 4:15pm-7:00pm (EDU 3236)

EDHD601 Biological Bases of Behavior; (3) REG/AUD. *Pre- or corequisite: EDHD 600.*
0101 **(17308)** Bennett, S.
Th 4:15pm-7:00pm (EDU 3315)

EDHD605 Curriculum in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 605 or EDCI 610. Formerly EDCI 610.*
0101 **(17318)** STAFF
M 4:15pm-7:00pm (EDU 0210)

EDHD611 Cultural and Contextual Influences on the Young Child; (3) REG/S-F. *Not open to students who have completed EDCI 611. Credit will be granted for only one of the following: EDHD 611 or EDCI 611. Formerly EDCI 611.*
0101 **(17328)** Killen, M.
Tu 4:15pm-7:00pm (EDU 1108)

EDHD613 Advanced Laboratory in Behavior Analysis I; (3) REG/AUD.
0101 **(17338)** Rubin, K.
W 12:15pm-3:00pm (EDU 1108)

EDHD620 Aging in the Cultural Context; (3) REG/AUD.
0101 **(17348)** Smith, G.
M 4:15pm-7:00pm (ASY 3219)

EDHD721 Learning Theory and the Educative Process I; (3) REG/AUD.
0101 **(17358)** STAFF
Th 7:00pm-9:45pm (EDU 3315)
0201 **(17359)** Metsala, J.
W 4:15pm-7:00pm (EDU 4233)

EDHD760 Advanced Educational Psychology; (3) REG. *Prerequisite: prior course in educational psychology, learning, or cognition, or permission of department.*
0101 **(17369)** Alexander, P.
Tu 4:15pm-7:00pm (EDU 3315)

EDHD779E *(PermReq)* **Special Topics in Human Development: Developmental Lab; (3)** REG/AUD.
0101 **(17379)** Fox, N.
Time and room to be arranged

EDHD779L *(PermReq)* **Special Topics in Human Development: Laboratory in Developmental Psychophysiology; (1-3)** REG/AUD.
0101 **(17389)** Porges, S.
Time and room to be arranged
0201 **(17390)** Fox, N.
Time and room to be arranged

EDHD779M Special Topics in Human Development: Social Reasoning and Intergroup Relations; (3) REG/AUD.
0101 **(17400)** Killen, M.
Th 1:00pm-3:00pm (EDU 1108)

EDHD780 Research Methods in Human Development; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.*
0101 **(17410)** Byrnes, J.
M 4:15pm-7:00pm (EDU 3236)

EDHD789 *(PermReq)* **Internship in Human Development; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD798 *(PermReq)* **Special Problems in Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDHD800 Seminar in Early Childhood Education; (3) REG/AUD. *Credit will be granted for only one of the following: EDHD 800 or EDCI 810. Formerly EDCI 810.*
0101 **(17499)** Klein, E.
Th 4:15pm-7:00pm (EDU 0202)

EDHD810 Physical Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 601 or permission of department.*
0101 **(17509)** STAFF
Tu 4:15pm-7:00pm (JMZ 1215)

EDHD820 Socialization Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 602 or permission of department.*
0101 **(17519)** Wentzel, K.
W 4:15pm-7:00pm (EDU 3233)

EDHD830 Self Processes in Human Development I; (3) REG/AUD. *Prerequisite: EDHD 603 or permission of department.*
0101 **(17529)** Wigfield, A.
M 4:15pm-7:00pm (EDU 3233)

EDHD878 Team Research in Human Development; (3) REG/AUD.
0201 **(17539)** Wentzel, K.
Th 4:15pm-7:00pm (ASY 3219)

EDHD888 *(PermReq)* **Apprenticeship in Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD889 *(PermReq)* **Internship in Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDHD899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors.

EDMS Measurement, Statistics, and Evaluation
(Education)

EDMS410 Classroom Assessment; (3) REG/AUD. *Junior standing.*
0101 **(17667)** Alvestad, K.
Tu 7:00pm-9:45pm (EDU 1107)
0201 **(17668)** STAFF
M 1:00pm-3:45pm (EDU 3236)
0301 **(17669)** Alvestad, K.
Tu 4:15pm-7:00pm (KEY 0116)

EDMS451 Introduction to Educational Statistics; (3) REG/AUD. *Junior standing.*
0101 **(17679)** STAFF
TuTh 2:00pm-3:15pm (EDU 1107)
0201 **(17680)** STAFF
TuTh 5:00pm-6:15pm (COL 3111)
0301 **(17681)** Macready, G.
TuTh 12:30pm-1:45pm (EDU 1107)
0401 **(17682)** STAFF
MW 12:30pm-1:45pm (EDU 1121)
0501 **(17683)** STAFF
MW 2:00pm-3:15pm (EDU 1121)

EDMS623 Applied Measurement: Issues and Practices; (3) REG/AUD. *Prerequisite: EDMS 651 or permission of department.* Course is offered in the fall semester only.
0101 **(17693)** Lissitz, R.
M 4:15pm-7:00pm (EDU 1121)

EDMS645 Quantitative Research Methods I; (3) REG/AUD.
0101 **(17703)** Johnson, C.
Tu 4:15pm-7:00pm (EDU 0212)
0102 **(17704)** Johnson, C.
W 4:15pm-7:00pm (EDU 1121)
0103 **(17705)** Johnson, C.
Th 4:15pm-7:00pm (EDU 1121)
0104 **(17706)** Johnson, C.
M 4:15pm-7:00pm (EDU 4233)

EDMS646 Quantitative Research Methods II; (3) REG/AUD. *Prerequisite: EDMS 645.*
0101 **(17716)** Macready, G.
Tu 4:15pm-7:00pm (EDU 2119)
0102 **(17717)** STAFF
W 4:15pm-7:00pm (EDU 2119)

EDMS647 Introduction to Program Evaluation; (3) REG/AUD. *Prerequisite: EDMS 645.* Course is offered in the fall semester only.
0101 **(17727)** STAFF
W 4:15pm-7:00pm (EDU 0202)

EDMS651 Intermediate Statistics in Education; (3) REG/AUD. *Prerequisite: EDMS 646 or equivalent.* Concurrent registration for 1 credit of EDMS 779 required for department majors.
0101 **(17737)** Hancock, G.
Th 4:15pm-7:00pm (EDU 1107)

EDMS653 Correlation and Regression Analysis; (3) REG/AUD. *Prerequisite: EDMS 651.*
0101 **(17747)** Dayton, C.
Th 4:15pm-7:00pm (EDU 4233)

EDMS657 Factor Analysis; (3) REG/AUD. *Prerequisite: EDMS 651.*
0101 **(17757)** Hancock, G.
Tu 4:15pm-7:00pm (EDU 1107)

EDMS724 Modern Measurement Theory; (3) REG/AUD. *Prerequisites: EDMS 623; and EDMS 651.*
0101 **(17767)** STAFF
W 4:15pm-7:00pm (JMZ 0202)

EDMS779 *(PermReq)* Seminar in Applied Statistics; (1-3) REG/AUD. EDMS majors must sign up for one credit concurrently with EDMS 651. Concurrently with EDMS 651.
0101 **(17777)** Hancock, G.
Time and room to be arranged

EDMS798 Special Problems in Education; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDMS889 Internship in Measurement and Statistics; (3-8) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDMS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA Education Policy, Planning and Administration
(Education)

EDPA301 *(PermReq)* Foundations of Education; (3) REG/P-F/AUD. *Prerequisite: junior standing and admission to teacher education; or Bachelor's degree with permission of department.*
0101 **(17864)** Herschbach, D.
MW 9:30am-10:45am (EDU 1107)
0201 **(17865)** Herschbach, D.
MW 11:00am-12:15pm (EDU 1107)
0301 **(17866)** Splaine, J.
Th 1:00pm-3:45pm (EDU 2119)
0401 **(17867)** Splaine, J.
Th 4:15pm-7:00pm (EDU 2119)

EDPA489 Field Experiences in Education; (1-4) REG/P-F/AUD. Interns in Education Leadership register for section 1201. All others contact department or faculty member for individual faculty section number.
1201 **(17884)** Goldman, H.
Time and room to be arranged

EDPA498 *(PermReq)* Special Problems in Education; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA614 Politics of Education; (3) REG/AUD.
0101 **(17936)** Malen, B.
Tu 4:15pm-7:00pm (EDU 0220)

EDPA624 Culture in Education Policy and Practice; (3) REG/AUD.
0101 **(17946)** Finkelstein, B.
W 4:15pm-7:00pm (EDU 2102)

EDPA625 Federal Education Policy; (3) REG/AUD.
0101 **(17956)** Cibulka, J.
M 4:15pm-7:00pm (EDU 2101)

EDPA634 The School Curriculum; (3) REG/AUD.
0101 **(17966)** Selden, S.
M 7:00pm-9:45pm (EDU 2119)

EDPA635 Principles of Curriculum Development; (3) REG/AUD.
0101 **(17976)** Hultgren, F.
Tu 4:15pm-7:00pm (EDU 2102)

EDPA650 Professional Seminar in Higher and Adult Education; (3) S-F.
0101 **(17986)** Fries-Britt, S.
Tu 7:00pm-9:45pm (EDU 3233)

EDPA653 Organization and Administration of Higher Education; (3) REG/AUD.
0101 **(17996)** Birnbaum, R.
Tu 4:15pm-7:00pm (COL 3109)

EDPA660 Retention Theories an the Impact of College; (3) REG.
0101 **(18006)** Fries-Britt, S.
W 4:15pm-7:00pm (EDU 1315)

EDPA675 Public School Personnel Administration; (3) REG/AUD.
0101 **(18016)** Andrews, J.
Th 4:15pm-7:00pm (EDU 3233)

EDPA679 Master's Seminar; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA690 Research in Education Policy, Planning and Administration; (3) REG/AUD.
0101 **(18047)** Mawhinney, H.
Tu 7:00pm-9:45pm (EDU 2119)

EDPA752 State Systems of Higher Education; (3) REG/AUD.
0101 **(18057)** Berdahl, R.
W 7:00pm-9:45pm (EDU 2101)

EDPA754 Higher Education Finance; (3) REG/AUD.
0101 **(18067)** Schmidtlein, F.
M 7:00pm-9:45pm (EDU 2101)

EDPA757 College Teaching; (3) REG/AUD.
0101 **(18077)** Selden, S.
W 4:15pm-7:00pm (ASY 3215)

EDPA788K Special Topics in Education Policy and Administration: The Purposes of the University; (3) REG/AUD.
0101 **(18087)** Fallon, D.
Tu 7:00pm-9:30pm (VMH 1109)

EDPA788M Special Topics in Education Policy and Administration: Management Innovation in Higher Education; (3) REG/AUD.
0101 **(18097)** Birnbaum, R.
M 4:15pm-7:00pm (EDU 1315)

EDPA788X Special Topics in Education Policy and Administration: Education Policy Analysis II; (3) REG/AUD.
0101 **(18107)** Croninger, R.
Th 4:15pm-7:00pm (EDU 0206)

EDPA788Z Special Topics in Education Policy and Administration: Phenomenological Inquiry II; (1-3) REG/AUD.
0101 **(18117)** Hultgren, F.
Th 7:00pm-9:45pm (EDU 2101)

EDPA798 *(PermReq)* Special Problems in Education; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

EDPA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDPA850 Seminar in Problems of Higher Education; (3) REG/AUD.
0101 **(18172)** STAFF
Th 7:00pm-9:45pm (EDU 2119)

EDPA889 *(PermReq)* Internship in Education; (3-8) REG/AUD. Interns in Education Leadership register in section 1201; interns in higher education in section 0301; all others contact department or faculty member for individual section number.
0301 **(18183)** Berdahl, R.
Time and room to be arranged
1201 **(18187)** Goldman, H.
Time and room to be arranged

EDPA895 Research Critique Seminar; (3) REG/AUD.
0101 **(18210)** Schmidtlein, F.
Th 4:15pm-7:00pm (EDU 3112B)

EDPA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

EDSP Education, Special
(Education)

EDSP210 Introduction to Special Education; (3) REG/AUD.
0101 **(18295)** Malmgren, K.
MW 9:30am-11:00am (EDU 2119)

EDSP320 *(PermReq)* Introduction to Assessment in Special Education; (3) REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisite: EDSP 321; and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only.*
0101 **(18305)** Speece, D.
MW 1:15pm-2:45pm (EDU 2119)

EDSP321 *(PermReq)* Comparative Approaches to Behavior and Classroom Management in Special Education; (3) REG/AUD. *Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322.* For EDSP majors only.
0101 **(18315)** Egel, A.
MW 2:45pm-4:15pm (EDU 2119)

EDSP322 Field Placement in Special Education I; (3) REG/AUD. *Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only.* Students must reserve two half days (8-1) for this experience.
0101 **(18325)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0201 **(18326)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab
0301 **(18327)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
MW 8:00am-1:00pm (Arranged) Lab
0401 **(18328)** Brown, M.
F 10:00am-12:00pm (EDU 1121)
TuTh 8:00am-1:00pm (Arranged) Lab

EDSP376 Fundamentals of Sign Language; (3) REG/P-F/AUD.
0101 **(18338)** Aiello, E.
MW 4:15pm-5:30pm (EDU 1107)
0201 **(18339)** Aiello, E.
MW 5:45pm-7:00pm (EDU 1107)

EDSP400 Assessment, Curriculum and Instructional Methods For Students with Severe Disabilities; (3) REG/AUD. *Corequisites: [EDSP 402 or EDSP 431] or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431.
0101 **(18349)** Kohl, F.
W 4:15pm-7:00pm (EDU 0212)

EDSP402 Field Placement: Severe Disabilities I; (4) REG/AUD. *Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(18359)** Kohl, F.
F 9:00am-10:30am (EDU 2102)
MTuW 8:00am-1:00pm (Arranged) Lab

EDSP402A Field Placement: Severe Disabilities I; (2-5) REG/AUD. *Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(18369)** STAFF
Time and room to be arranged Lab
0201 **(18370)** STAFF
Time and room to be arranged Lab
0301 **(18371)** STAFF
Time and room to be arranged Lab
0401 **(18372)** STAFF
Time and room to be arranged Lab

EDSP404 Education of Students with Autism; (3) REG/AUD. *Pre- or corequisites: [EDSP 400 and EDSP 402] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402.
0101 **(18382)** Egel, A.
M 4:15pm-7:00pm (EDU 0212)

EDSP411 Field Placement: Severe Disabilities III; (4) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(18392)** Kohl, F.
Time and room to be arranged
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP411A Field Placement: Severe Disabilities III; (2-5) REG/AUD. *Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 460)] or permission of department.* Graduate students only. Contact department to make arrangements.
0101 **(18402)** STAFF
Time and room to be arranged Lab
0201 **(18403)** STAFF
Time and room to be arranged Lab
0301 **(18404)** STAFF
Time and room to be arranged Lab
0401 **(18405)** STAFF
Time and room to be arranged Lab

EDSP412 Vocational and Transitional Instruction for Students with Severe Disabilities; (3) REG/AUD. *Corequisites: [EDSP 411 or EDSP 465] or permission of department.* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465.
0101 **(18415)** Moon, M.
Tu 4:15pm-7:00pm (SQH 1105)

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; (3) REG/AUD. *Corequisites: [EDSP 421 or EDSP 411] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411.
0101 **(18425)** Beckman, P.
Th 4:15pm-7:00pm (EDU 1315)

EDSP421 Field Placement: Early Childhood Special Education I; (4) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Students must reserve three half-days (8-1) for this experience.
0101 **(18435)** Beckman, P.
F 10:30am-12:00pm (EDU 1210B)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP421A Field Placement: Early Childhood Special Education I; (2-4) REG/AUD. *Pre- or corequisite: EDSP 420; and EDCI 410.* Graduate students only. Contact department to make arrangements.
0101 **(18445)** STAFF
Time and room to be arranged Lab
0201 **(18446)** STAFF
Time and room to be arranged Lab
0301 **(18447)** STAFF
Time and room to be arranged Lab
0401 **(18448)** STAFF
Time and room to be arranged Lab

EDSP423 Assessment of Preschool Handicapped Children and Infants; (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 430; and EDSP 431; and EDSP 400 or EDSP 441.*
0101 **(18458)** Lieber, J.
W 4:15pm-7:00pm (EDU 0220)

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-6 Years); (3) REG/AUD. *Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431; and [EDSP 400 or EDSP 441].* Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431.
0101 **(18468)** Beckman, P.
Tu 4:15pm-7:00pm (EDU 1315)

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); (4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Students must reserve three half-days (8-1) for this experience.
0101 **(18478)** Lieber, J.
F 10:30am-12:00pm (EDU 0202)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); (2-4) REG/AUD. *Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441).* Graduate students only. Contact department to make arrangements.
0101 **(18488)** STAFF
Time and room to be arranged Lab
0201 **(18489)** STAFF
Time and room to be arranged Lab
0301 **(18490)** STAFF
Time and room to be arranged Lab
0401 **(18491)** STAFF
Time and room to be arranged Lab

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; (3) REG/AUD. *Corequisites: [EDSP 442 or EDSP 431] or permission of department.* Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431.
0101 **(18501)** STAFF
Th 5:30pm-8:15pm (ASY 3211)

EDSP442 Field Placement: Educationally Handicapped I; (4) REG/AUD. *Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department.* Students must reserve three half-days (8-1) for this experience.
0101 **(18511)** Brown, M.
F 10:30am-12:00pm (EDU 0114)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP442A Field Placement: Educationally Handicapped I; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department.* Graduate students only. Contact department to make arrangements.

EDSP445A Field Placement: Educationally Handicapped II; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 442 or permission of department. Pre- or corequisites: [EDSP 330; and EDSP 440; and EDSP 443].* Special education graduate students only.

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; (3) REG/AUD. *Pre- or corequisites: [EDSP 447 or EDSP 465] or permission of department.*
0101 **(18532)** MacCini, P.
MW 2:45pm-4:15pm (EDU 1107)

EDSP447 Field Placement: Educationally Handicapped III; (4) REG/AUD. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Students must reserve three half-days (8-1) for this experience.
0101 **(18542)** Harris, K.
F 10:30am-12:00pm (EDU 0206)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP447A Field Placement: Educationally Handicapped III; (2-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460.* Graduate students only. Contact department to make arrangements.

EDSP450 Inclusive Practices in the Schools; (3) REG/AUD. *Corequisite: EDSP 411 or EDSP 431 or EDSP 447 or EDSP 465.*
0101 **(18560)** Gruber, B.
TuTh 2:45pm-4:15pm (EDU 2102)

EDSP460 Introduction to Secondary/Transition Special Education; (3) REG/AUD. *Corequisites: [EDSP 461 or EDSP 411 or EDSP 447] or permission of department. For EDSP majors only.* Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447.
0101 **(18570)** Neubert, D.
TuTh 1:15pm-2:45pm (EDU 2102)

EDSP461 Field Placement: Secondary/Transition I; (4) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience.
0101 **(18580)** Neubert, D.
F 8:00am-10:30am (EDU 2101)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP461A Field Placement: Secondary/Transition I; (2-4) REG/AUD. *Pre- or corequisite: EDSP 460. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0201 **(18590)** STAFF
Time and room to be arranged Lab

EDSP464 Secondary and Transition Methods in Special Education; (3) REG/AUD. *Prerequisite: EDSP 462 or permission of department.*
0101 **(18600)** Neubert, D.
Tu 4:15pm-7:00pm (EDU 1210B)
0201 **(18601)** STAFF
Time and room to be arranged

EDSP465 Field Placement: Secondary/Transition III; (4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Students must reserve three half-days (8-1) for this experience.
0201 **(18611)** Neubert, D.
F 10:30am-12:00pm (EDU 2102)
TuWTh 8:00am-1:00pm (Arranged) Lab

EDSP465A Field Placement: Secondary/Transition III; (2-4) REG/AUD. *Prerequisite: EDSP 463. Pre- or corequisite: EDSP 464. For EDSP majors only.* Graduate students only. Contact department to make arrangements.
0101 **(18621)** STAFF
Time and room to be arranged Lab

EDSP470 Introduction to Special Education; (3) REG/AUD. Not open to undergraduate special education or pre-special education majors.
0101 **(18631)** Leone, P.
Th 4:15pm-7:00pm (EDU 0212)
0201 **(18632)** STAFF
M 7:00pm-9:45pm (EDU 3315)

EDSP480 *(PermReq)* Microcomputers in Special Education; (3)

REG/P-F/AUD. *Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDCI 406, EDIT 477, or EDSP 480.*
0101 **(18642)** Malmgren, K.
MW 1:15pm-2:45pm (EDU 1107)
Time and room to be arranged Lab

EDSP489 Field Experiences in Special Education; (1-4) REG/AUD.
0101 **(18652)** Brown, M.
Time and room to be arranged
0901 **(18653)** Leone, P.
Time and room to be arranged

EDSP491 Characteristics of Learning Disabled Students; (3) REG/P-F/AUD. *Prerequisite: EDSP 470 or permission of department.*
0101 **(18663)** Graham, S.
Th 7:00pm-9:45pm (EDU 1121)

EDSP498 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP498B *(PermReq)* **Special Problems in Special Education: Career Development and Advising; (1-6)** REG/P-F/AUD. Limited to pre-special and special education majors.
0101 **(18694)** Molloy, M.
F 12:00pm-2:00pm (Arranged)

EDSP600 *(PermReq)* **Exceptional Children and Youth; (3)** REG/AUD. *Prerequisite: 9 hours in special education and permission of department.*
0101 **(18704)** Cooper, D.
Tu 4:15pm-7:00pm (EDU 0202)

EDSP601 Characteristics of Behaviorally Disordered Students; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(18714)** Leone, P.
W 4:15pm-7:00pm (ASY 3203)

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3) REG/AUD. *Prerequisites: [EDMS 446; and EDMS 646; and EDSP 600) or permission of department.*
0101 **(18724)** Cooper, D.
Th 4:15pm-7:00pm (EDU 0220)

EDSP625 Seminar on Severely Handicapping Conditions; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(18734)** Kohl, F.
M 7:00pm-9:45pm (EDU 1315)

EDSP665 Working with Families of Handicapped Children and Youth; (3) REG/AUD. *Prerequisite: EDSP 600 or permission of department.*
0101 **(18744)** Moon, M.
M 4:15pm-7:00pm (EDU 0202)

EDSP672 Theory and Empirical Design in Special Education; (3) REG/AUD. *Prerequisite: EDMS 645 or permission of department.*
0101 **(18754)** Harris, K.
W 4:15pm-7:00pm (ASY 3211)

EDSP675 Policy Issues Impacting Persons with Disabilities; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(18764)** McLaughlin, M.
Tu 4:15pm-7:00pm (JMZ 1104)

EDSP678M Seminar in Special Education: Instructional Applications, Adaptions, 2nd Assessment Procedures in Mathematics: Strategies for Success; (3) REG/AUD.
0101 **(18774)** MacCini, P.
M 7:00pm-9:45pm (EDU 1107)

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP860 Doctoral Research Seminar; (3) REG/AUD.
0101 **(18826)** Graham, S.
Th 4:15pm-7:00pm (ASY 3221)

EDSP888 *(PermReq)* **Apprenticeship in Special Education; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only. There is a $170 lab fee assigned to this course.

EDSP889 *(PermReq)* **Internship in Special Education; (3-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDSP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Special education majors only.

EDUC Education
(Education)

EDUC388 *(PermReq)* **Special Topics in Education: Guided Experience In College Teaching; (3)** REG. Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 6601 for 1 credit. Section 0201 will be team taught by G. Strumpf and M. Wawrzynski.
0101 **(18942)** Greenberg, J.
M 4:00pm-6:00pm (EDU 3315)
Time and room to be arranged Dis
0201 **(18943)** Wawrzynski, M.
Tu 2:00pm-4:00pm (ASY 3203)
Time and room to be arranged Dis

EDUC388H Special Topics in Education: Honors Synthesis Seminar; (2) REG. Seminar restricted to students admitted to the College of Education Honors Program.
0101 **(18953)** STAFF
Tu 4:00pm-6:00pm (EDU 3233)

EDUC499H *(PermReq)* **Honors Thesis; (1-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Course restricted to students admitted to College of Education honors program.

ENAE Engineering, Aerospace
(Engineering)

ENAE100 *(PermReq)* **The Aerospace Engineering Profession; (1)** REG/P-F/AUD. *Recommended: ENES 100 and MATH 140.*
0101 **(19172)** STAFF
Tu 12:00pm-1:15pm (CHM 0128)

ENAE261 Aerospace Analysis and Computation; (3) REG/P-F/AUD. *Prerequisites: CHEM 103, ENES 100, ENES 102, and PHYS 161. Corequisite: MATH 241. ENAE majors only or permission of department.*
0101 **(19182)** Spence, A.
MWF 9:00am-9:50am (EAB 0307)

ENAE283 Introduction to Aerospace Systems; (3) REG. *Prerequisites: PHYS 161 and ENES 100 and ENES 102. Corequisites: ENAE 261 and PHYS 262. For ENAE majors only.*
0101 **(19192)** Barlow, J.
TuTh 11:00am-12:15pm (CHM 0122)

ENAE283H Introduction to Aerospace Systems; (3) REG. *Prerequisites: PHYS 161 and ENES 100 and ENES 102. Corequisites: ENAE 261 and PHYS 262. For ENAE majors only.*
0101 **(19202)** Schmitz, F.
TuTh 11:00am-12:15pm (EGR 3111)

ENAE301 Dynamics of Aerospace Systems; (3) REG/P-F/AUD. *Prerequisites: ENAE 281; and ENAE 282; and ENES 221; and MATH 246; and PHYS 263. Corequisite: ENAE 321. ENAE majors only or permission of department.*
0101 **(19212)** Russell, H.
TuTh 9:30am-10:45am (JMP 3104)

ENAE311 Aerodynamics I; (3) REG. *Prerequisites: ENAE 281; and ENES 221; and MATH 246. Corequisite: ENME 223. ENAE majors only or permission of department.*
0101 **(19222)** Korkegi, R.
TuTh 12:30pm-1:45pm (EGR 0110)

ENAE362 Aerospace Instrumentation and Experimentation; (3) REG/P-F/AUD. *Prerequisites: grades of C or better in PHYS 263, ENAE 261, ENAE 281, ENAE 282, ENES 221, and MATH 246. Corequisites: ENME 232, ENAE 301, ENAE 311, and ENAE 321. Junior standing. For ENAE majors only.*
0101 **(19232)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
M 2:00pm-5:00pm (Arranged) Lab
0102 **(19233)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
Tu 2:00pm-5:00pm (Arranged) Lab
0103 **(19234)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
W 2:00pm-5:00pm (Arranged) Lab
0104 **(19235)** Winkelmann, A.
MW 1:00pm-1:50pm (CHE 2136)
Th 2:00pm-5:00pm (EGL 0123) Lab

ENAE403 Aircraft Flight Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENAE 432; and ENAE 414. ENAE majors only or permission of department.*
0101 **(19245)** Regan, F.
TuTh 3:30pm-4:45pm (JMP 3105)

ENAE423 Vibration and Aeroelasticity; (3) REG/P-F/AUD. *Prerequisite: ENAE 322. ENAE majors only or permission of department.*
0101 **(19255)** Lee, S.
MWF 11:00am-11:50am (EGR 1104)

ENAE441 Space Navigation and Guidance; (3) REG/P-F/AUD. *Prerequisites: ENAE 432 and ENAE 404. ENAE majors only or permission of department.*
0101 **(19265)** Pines, D.
TuTh 9:30am-10:45am (CSS 2428)

ENAE455 Aircraft Propulsion and Power; (3) REG/P-F/AUD. *Prerequisite: ENAE 414. ENAE majors only or permission of department.*
0101 **(19275)** Lewis, M.
MW 2:00pm-3:15pm (EGR 0108)

ENAE457 Space Propulsion and Power; (3) REG/P-F/AUD. *Prerequisites: ENAE 311 and PHYS 263. ENAE majors only or permission of department. Senior standing.*
0101 **(19285)** Van Wie, D.
TuTh 8:00am-9:15am (EGR 1102)

ENAE481 Principles of Aircraft Design; (3) REG/P-F/AUD. *Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 414. ENAE majors only or permission of department.*
0101 **(19295)** Winkelmann, A.
MWF 8:00am-8:50am (EGR 0108)

ENAE483 Principles of Space Systems Design; (3) REG/P-F/AUD. *Prerequisites: ENAE 322; and ENAE 432; and ENAE 362; and ENAE 404. ENAE majors only or permission of department.*
0101 **(19305)** Akin, D.
TuTh 11:00am-12:15pm (EGL 1202)

ENAE488F Topics in Aerospace Engineering: Composite Structures; (3) REG/AUD.
0101 **(19315)** Vizzini, A.
MW 2:00pm-3:15pm (EGR 2107)
0201 **(19316)** Miller, J.
Tu 6:00pm-8:40pm (Arranged)

ENAE488R *(PermReq)* **Topics in Aerospace Engineering: Hybrid Rocket; (3)** REG/P-F/AUD.
0101 **(19326)** Gelke, G.
W 6:00pm-8:45pm (Arranged)

ENAE488W *(PermReq)* **Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; (3)** REG/P-F/AUD.
0101 **(19336)** Winkelmann, A.
MWF 9:00am-9:50am (EGR 2112)

ENAE499 *(PermReq)* **Elective Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENAE631 *(PermReq)* **Helicopter Aerodynamics I; (3)** REG/AUD. *Prerequisites: ENAE 311 and ENAE 414 or permission of both department and instructor.*
0101 **(19373)** Leishman, J.
TuTh 2:00pm-3:15pm (EGR 2154)

ENAE640 Atmospheric Flight Mechanics; (3) REG/AUD. *Prerequisite: ENAE 403 or permission of department.*
0101 **(19383)** Barlow, J.
Time and room to be arranged

ENAE641 Linear System Dynamics; (3) REG/AUD. *Prerequisite: ENAE 432.*
0101 **(19393)** Sanner, R.
MW 9:00am-10:15am (EGR 0108)

ENAE642 Atmospheric Flight Control; (3) REG/AUD. *Prerequisites: ENAE 432 and ENAE 403, or equivalents.*
0101 **(19403)** STAFF
Time and room to be arranged

ENAE651 Smart Structures; (3) REG/AUD.
0101 **(19413)** Chopra, I.
TuTh 9:30am-10:45am (EGR 0110)

ENAE653 Nonlinear Finite Element Analysis of Continua; (3) REG/AUD. *Prerequisite: ENAE 652 or equivalent.*
0101 **(19423)** Lee, S.
MW 3:30pm-4:45pm (EGR 3102)

ENAE654 Composite Structures; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of both department and instructor.* Section 0201 is taught at the Southern Maryland Higher Education Center, St. Mary's County.
0101 **(19433)** Vizzini, A.
MW 2:00pm-3:15pm (EGR 2107)
0201 **(19434)** Miller, J.
Tu 6:00pm-8:40pm (Arranged)

ENAE655 Structural Dynamics; (3) REG/AUD. *Prerequisite: ENAE 452 or permission of department.*
0101 **(19444)** Wereley, N.
TuTh 11:00am-12:15pm (ARM 0120)

ENAE656 Aeroelasticity; (3) REG/AUD. *Prerequisite: ENAE 655 or permission of department.*
0101 **(19454)** Haas, D.
Time and room to be arranged

ENAE662 Advanced Propulsion II; (3) REG/AUD. *Prerequisite: ENAE 661.*
0101 **(19464)** Lewis, M.
Time and room to be arranged

ENAE670 *(PermReq)* **Fundamentals of Aerodynamics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(19474)** STAFF
Time and room to be arranged

ENAE681 *(PermReq)* **Engineering Optimization; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(19484)** Celi, R.
MW 12:30pm-1:45pm (EGR 0108)

ENAE684 *(PermReq)* **Computational Fluid Dynamics I; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(19494)** Baeder, J.
TuTh 3:30pm-4:45pm (CHM 0127)

ENAE692 Introduction to Space Robotics; (3) REG/AUD.
0101 **(19504)** Cleary, K.
Time and room to be arranged

ENAE693 Space Simulation; (3) REG/AUD.
0101 **(19514)** STAFF
Time and room to be arranged

ENAE696 Spacecraft Thermal Design; (3) REG/AUD.
0101 **(19524)** Nelson, R.
Time and room to be arranged

ENAE741 Interplanetary Navigation and Guidance; (3) REG/AUD. *Prerequisites: ENAE 432 and ENAE 601.*
0101 **(19534)** Schmidt, D.
W 3:15pm-5:45pm (EGR 1102)

ENAE788 Selected Topics in Aerospace Engineering; (3) REG/AUD.
0101 **(19544)** Sanner, R.
MW 9:30am-10:45am (CHE 2140)

ENAE788U Selected Topics in Aerospace Engineering: Space Exploration Robotics; (3) REG/AUD.
0101 **(19554)** Akin, D.
TuTh 5:00pm-6:15pm (EGL 1202)

ENAE788Y Selected Topics in Aerospace Engineering: Haptic Controls and Applications; (3) REG/AUD.
0101 **(19564)** Carignan, C.
MW 3:30pm-4:45pm (EGR 3111)

ENAE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENAE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE Biological Resources Engineering
(Agriculture and Natural Resources)

ENBE100 Basic Biological Resources Engineering Technology; (3) REG/P-F/AUD. *For non-engineering majors. Formerly ENAG 100.* Course is offered in the fall semester only.
0101 **(19656)** STAFF
TuTh 2:00pm-3:15pm (ANS 0422)

ENBE110 Introduction to Biological Resources Engineering; (1) REG/P-F/AUD.
0101 **(19666)** Shirmohammadi, A.
F 3:00pm-5:00pm (ANS 0408)

ENBE200 Fundamentals of Agricultural Mechanics; (3) REG/P-F. *Formerly ENAG 200.*
0101 **(19676)** Walls, R.
TuTh 8:00am-8:50am (ANS 0422)
TuTh 9:00am-10:50am (ANS 0504) Lab
0201 **(19677)** Walls, R.
TuTh 1:00pm-1:50pm (ANS 0422)
TuTh 2:00pm-3:50pm (ANS 0504) Lab
ENBE 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENBE 234 begins Sept 1 and ends Oct. 1; ENBE 236 begins Oct. 4 and ends Nov. 6; ENBE 237 begins Nov. 8 and ends Dec. 8. All courses meet at same time and room - MWF 11:00-11:50, ANS 0422.

ENBE234 Principles of Erosion and Water Control; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(19687)** STAFF
Meets 09/01/99-10/01/99
MWF 11:00am-11:50am (ANS 0422)

ENBE236 Design of Drainage Systems; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(19697)** STAFF
Meets 10/04/99-11/06/99
MWF 11:00am-11:50am (ANS 0422)

ENBE237 Design of Irrigation Systems; (1) REG/P-F/AUD. Course is offered in the fall semester only.
0101 **(19707)** STAFF
Meets 11/08/99-12/08/99
MWF 11:00am-11:50am (ANS 0422)

ENBE386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ENBE388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(19718)** STAFF
Time and room to be arranged

ENBE422 Water Resources Engineering; (3) REG/P-F/AUD. *Prerequisite: ENME 342 or ENCE 330. Formerly ENAG 422.* Course is offered in the fall semester only.
0101 **(19728)** Shirmohammadi, A.
MWF 10:00am-10:50am (ANS 0422)

ENBE453 Introduction to Biological Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 220 or equivalent.*
0101 **(19738)** STAFF
Th 5:30pm-8:00pm (ANS 0422)

ENBE455 Basic Electronic Design; (3) REG. *Prerequisites: PHYS 142 or equivalent, MATH 246, and ENBE 241.*
0101 **(19748)** Johnson, A.
Tu 3:30pm-5:30pm (ANS 0402)

ENBE471 Biological Systems Control; (3) REG/P-F/AUD. *Prerequisites: an electrical circuits course and MATH 246, and one course in biological sciences or permission of department.*
0101 **(19758)** Schreuders, P.
MW 2:00pm-2:50pm (ANS 0412)
F 2:00pm-3:50pm (ANS 0412) Lab
Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE485 *(PermReq)* **Capstone Design I; (1)** REG. *Prerequisite: permission of department. Senior standing. For ENBE majors only.*
0101 **(19768)** Wheaton, F.
M 3:00pm-4:00pm (ANS 0422)
Please note that both ENBE485 (1 credit) and ENBE486 (2 credits) must be completed in order to satisfy CORE Capstone requirements.

ENBE486 *(PermReq)* **Capstone Design II; (2)** REG. CORE: CS Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: ENBE 485 taken in the immediately preceding semester. Senior standing. For ENBE majors only.* See course advisor for meeting time.

ENBE488A Special Topics in Biological Resources Engineering: Electronics Laboratory; (1) REG.
0101 **(19784)** Ebeling, J.
TBA (ANS 0422)

ENBE489 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE499 *(PermReq)* **Special Problems in Agricultural Engineering Technology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE653 Biological Engineering Materials and Mechanics; (3) REG/AUD. *Not open to students who have completed ENBE 453. Credit will be granted for only one of the following: ENBE 453 or ENBE 653.*
0101 **(19817)** STAFF
Time and room to be arranged

ENBE688 *(PermReq)* **Advanced Topics in Biological Resources Engineering; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE688T Advanced Topics in Biological Resources Engineering: Technique for Teaching Biological Resources Engineering; (1) REG/AUD.
0101 **(19838)** STAFF
Time and room to be arranged

ENBE698 Seminar; (1) REG/AUD.
0101 **(19858)** Wheaton, F.
M 4:00pm-4:50pm (ANS 0422)

ENBE699 *(PermReq)* **Special Problems in Biological Resources Engineering; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENBE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENBE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCE Engineering, Civil
(Engineering)

ENCE202 Computation Methods in Civil Engineering I; (3) REG/AUD. *Prerequisites: MATH 141 and ENES 102 and ENES 100. For ENCE majors only. Formerly ENCE 201.*
0201 **(19950)** Austin, M.
MWF 11:00am-11:50am (EGR 2154)

ENCE203 Computation Methods in Civil Engineering II; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and ENES 220. Corequisite:*

MATH 246. For ENCE majors only. Formerly ENCE 301.
0101 **(19960)** STAFF
MF 11:00am-11:50am (EGR 3108)
W 11:00am-11:50am (EGR 3108)

ENCE300 Fundamentals of Engineering Materials; (3) REG/P-F/AUD. *Pre- or corequisite: ENES 220.* Restricted to students in the College of Engineering.
0101 **(19970)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
M 2:00pm-5:00pm (EGL 0106A) Lab
0102 **(19971)** STAFF
MW 1:00pm-1:50pm (CHM 0115)
W 2:00pm-5:00pm (EGL 0106A) Lab

ENCE302 Probability and Statistics for Civil Engineers; (3) REG/AUD. *Prerequisites: ENCE 203 and MATH 246. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(19981)** Ayyub, B.
MWF 11:00am-11:50am (EGR 1108)

ENCE315 Introduction to Environmental Engineering; (3) REG/AUD. *Prerequisites: CHEM 103 or CHEM 133; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221.* Restricted to students in the College of Engineering.
0101 **(19991)** Birkner, F.
TuTh 8:00am-9:15am (EGR 3106)

ENCE320 *(PermReq)* **Construction Engineering and Management; (3)** REG/AUD. *Prerequisite: permission of department.* Restricted to students in the College of Engineering.
0101 **(20001)** Tseng, C.
TuTh 2:00pm-3:15pm (EGR 1108)

ENCE330 Basic Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: ENES 220; and ENES 221; and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(20011)** STAFF
MWF 10:00am-10:50am (EGR 0110)
0201 **(20012)** STAFF
MWF 10:00am-10:50am (EGR 1108)

ENCE340 Fundamentals of Soil Mechanics; (3) REG/P-F/AUD. *Prerequisite: ENES 220. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20022)** STAFF
TuTh 12:30pm-1:45pm (MTH B0431)

ENCE353 Introduction to Structural Analysis; (3) REG/AUD. *Prerequisite: ENES 220. Corequisite: ENCE 203. For ENCE majors (09080) only. Credit will be granted for only one of the following: ENCE 255 or ENCE 353. Formerly ENCE 255.* Restricted to students in the College of Engineering.
0101 **(20032)** Amde, A.
MWF 9:00am-9:50am (EGR 1108)

ENCE355 Introduction to Structural Design; (3) REG/AUD. *Prerequisite: ENCE 300. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20042)** Albrecht, P.
TuTh 11:00am-12:15pm (EGR 1108)

ENCE370 Fundamentals of Transportation Engineering; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and PHYS 262.* Restricted to students in the College of Engineering.
0101 **(20052)** Sermons, M.
TuTh 9:30am-10:45am (EGR 1104)

ENCE423 Project Estimating, Planning and Control; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20062)** Nyakaana Blair, A.
MW 2:00pm-3:15pm (EGR 1104)

ENCE425 Decision Support Systems for Construction; (3) REG/AUD. *Prerequisite: ENCE 320. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20072)** Ayyub, B.
MW 3:30pm-4:45pm (EGR 0110)

ENCE432 Ground Water Hydrology; (3) REG/P-F/AUD. *Prerequisite: ENCE 330.* Restricted to students in the College of Engineering.
0101 **(20082)** Sternberg, Y.
MWF 9:00am-9:50am (EGR 2154)

ENCE433 Environmental Engineering Analysis; (3) REG/P-F/AUD. *Prerequisites: CHEM 133 and ENES 221 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(20092)** Torrents, A.
TuTh 11:00am-11:50am (EGL 1204)
F 9:00am-12:00pm (MMH 2401) Lab
0102 **(20093)** Torrents, A.
TuTh 11:00am-11:50am (EGL 1204)
F 12:00pm-3:00pm (MMH 2401) Lab

ENCE435 Sanitary Engineering Analysis and Design; (3) REG/P-F/AUD. *Prerequisites: ENES 221 and ENCE 330 and CHEM 233.* Restricted to students in the College of Engineering.
0101 **(20103)** Hao, O.
TuTh 9:30am-10:45am (EGR 1108)

ENCE441 Soil-Foundation Systems; (3) REG/P-F/AUD. *Prerequisite: ENCE 340.* Restricted to students in the College of Engineering.
0101 **(20113)** Aggour, M.
TuTh 9:30am-10:45am (EGR 2112)

ENCE453 Computer-Aided Structural Analysis; (3) REG/AUD. *Prerequisite: ENCE 353. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20123)** Amde, A.
MWF 11:00am-11:50am (EGR 0110)

ENCE455 Design of Steel Structures; (3) REG/AUD. *Prerequisites: ENCE 353; and ENCE 355. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20133)** Schelling, D.
TuTh 12:30pm-1:45pm (EGR 1108)

ENCE465 Geographic Information Systems for Planning and Design Models; (3) REG/AUD. *Prerequisites: ENCE 202 and ENCE 203. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20143)** Moglen, G.
TuTh 11:00am-12:15pm (EGR 0135)

ENCE466 Design of Civil Engineering Systems; (3) REG/AUD. CORE: CS *Prerequisites: ENCE 353 or ENCE 355, ENCE 315, ENCE 320, ENCE 330, ENCE 340, ENCE 370 or permission of department. Senior standing. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20153)** STAFF
Tu 2:00pm-2:50pm (EGR 1104)
Th 3:00pm-4:50pm (EGR 0110) Lab
Tu 3:00pm-4:50pm (EGR 0110) Lab

ENCE470 Highway and Traffic Engineering; (3) REG/P-F/AUD. *Prerequisite: ENCE 370. For ENCE majors only.* Restricted to students in the College of Engineering.
0101 **(20163)** Lovell, D.
MW 10:00am-10:50am (CHM 0124)
W 2:00pm-5:00pm (HBK 0103) Lab

ENCE489 *(PermReq)* **Special Problems in Civil Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCE610 Fundamentals of Structural Analysis; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20204)** Donaldson, B.
MW 5:00pm-6:15pm (EGR 3114)

ENCE613 *(PermReq)* **Structural Dynamics; (3)** REG/AUD. *Formerly ENCE 653.*
0101 **(20214)** Donaldson, B.
MW 3:30pm-4:45pm (HBK 1108)

ENCE614 Computer Methods in Engineering; (3) REG/AUD. *Formerly ENCE 756.* Majors only. Other majors require permission of department.
0101 **(20224)** Schelling, D.
TuTh 6:30pm-7:45pm (EGR 0110)

ENCE625 *(PermReq)* **Operations Analysis for Construction; (3)** REG/AUD. *Prerequisite: permission of instructor. Formerly ENCE 424.*
0101 **(20234)** Tseng, C.
W 5:00pm-7:30pm (Arranged)

ENCE630 Environmental and Water Resource Systems I; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20248)** McCuen, R.
TuTh 3:30pm-4:45pm (ITV 1111)

ENCE633 The Chemistry of Natural Waters; (3) REG/AUD. *Prerequisite: ENCE 433 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(20258)** Birkner, F.
TuTh 2:00pm-3:15pm (CHM 2201)

ENCE636 Unit Operations of Environmental Engineering; (3) REG/AUD. *Prerequisite: ENCE 315 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(20268)** Davis, A.
TuTh 9:30am-10:45am (CHM 0124)

ENCE637 Biological Principles of Environmental Engineering; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20278)** Seagren, E.
TuTh 11:00am-12:15pm (EGR 1102)

ENCE640 Advanced Soil Mechanics; (3) REG/AUD. *Prerequisite: ENCE 340 or equivalent.*
0101 **(20288)** Schwartz, C.
TuTh 3:30pm-4:45pm (EGR 3114)

ENCE642 Soil Dynamics; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20298)** Aggour, M.
MW 3:30pm-4:45pm (EGR 2112)

ENCE643 *(PermReq)* **Theory of Soil Strength; (3)** REG/AUD. *Prerequisites: ENCE 340 or equivalent and permission of instructor.*
0101 **(20308)** Goodings, D.
TuTh 5:00pm-6:15pm (EGR 1104)

ENCE662 *(PermReq)* **Construction Project Management; (3)** REG/AUD. *Prerequisite: permission of instructor. For ENCE majors only.*
0101 **(20318)** O'Connell, K.
M 7:00pm-9:45pm (EGR 1104)

ENCE663 Management of Construction Organizations; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20334)** Schulman, N.
Tu 7:00pm-9:45pm (EGR 2107)

ENCE664 Construction Contracts and Specifications; (3) REG/AUD. *For ENCE majors only.* Majors only. Other majors require permission of department.
0101 **(20344)** Barham, T.
Th 5:30pm-8:15pm (EGR 1108)

ENCE666 Cost Engineering and Control; (3) REG/AUD. Majors only. Other majors require permission of department.
0101 **(20354)** Karaszewski, Z.
Tu 5:30pm-8:15pm (EGR 1102)

ENCE670 Highway Traffic Characteristics and Measurements; (3) REG/AUD. *Prerequisite: ENCE 470 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(20364)** Lovell, D.
M 5:00pm-7:45pm (MTH 0105)

ENCE672 Regional Transportation Planning; (3) REG/AUD. *Prerequisite: ENCE 471 or permission of both department and instructor.* Majors only. Other majors require permission of department.
0101 **(20374)** Schonfeld, P.
Tu 5:00pm-7:30pm (EGR 1108)

ENCE677 Quantitative Methods in Transportation Engineering; (3) REG/AUD.
0101 **(20384)** Haghani, A.
TuTh 2:00pm-3:15pm (JMP 3105)

ENCE688 Advanced Topics in Civil Engineering; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE688A *(PermReq)* **Advanced Topics in Civil Engineering: Travel Demand Analysis; (3)** REG/AUD. Prerequisite: permission of instructor and department.
0101 **(20420)** Sermons, M.
Tu 5:00pm-7:30pm (EGR 2112)

ENCE688B *(PermReq)* **Advanced Topics in Civil Engineering: Hydrology, Climate, and Water Resources; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(20430)** Brubaker, K.
MW 2:00pm-3:15pm (ARM 0117)

ENCE688C *(PermReq)* **Advanced Topics in Civil Engineering: Advanced Traffic Control; (3)** REG/AUD.
0101 **(20440)** Chang, G.
Th 5:00pm-7:30pm (EGR 1102)

ENCE688G *(PermReq)* **Advanced Topics in Civil Engineering: Design with Geosynthetics; (3)** REG/AUD. Prerequisite: permission of department and instructor.
0101 **(20450)** Collin, J.
M 5:00pm-7:30pm (EGR 1110)

ENCE688O Advanced Topics in Civil Engineering: Environmental Behavior of Organic Pollutants; (3) REG/AUD.
0101 **(20460)** Torrents, A.
TuTh 12:30pm-1:45pm (EGR 1104)

ENCE688R *(PermReq)* **Advanced Topics in Civil Engineering: River Engineering; (3)** REG/AUD.
0101 **(20470)** Moglen, G.
MW 3:30pm-4:45pm (EGR 3106)

ENCE689 Seminar; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE712 *(PermReq)* **Masonry Structures; (3)** REG/AUD.
0101 **(20508)** Colville, J.
TuTh 3:30pm-4:45pm (EGR 0108)

ENCE713 *(PermReq)* **Concrete Structures I; (3)** REG/AUD. *Formerly ENCE 753.*
0101 **(20518)** Vannoy, D.
TuTh 5:00pm-6:15pm (EGR 0110)

ENCE715 *(PermReq)* **Earthquake Engineering; (3)** REG/AUD. *Prerequisite: permission of instructor. Formerly ENCE 755.*
0101 **(20528)** Fu, C.
MW 6:30pm-7:45pm (EGR 1108)

ENCE799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCE899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number. Majors only. Other majors require permission of department.

ENCH Engineering, Chemical
(Engineering)

ENCH215 *(PermReq)* **Chemical Engineering Analysis; (3)** REG/P-F/AUD. *Prerequisite: CHEM 133 or CHEM 113. Pre- or corequisite: MATH 141.*
0101 **(20644)** Weigand, W.
MWF 11:00am-11:50am (CHE 2110)
W 2:00pm-2:50pm (CHE 2108) Dis

ENCH300 *(PermReq)* **Chemical Process Thermodynamics; (3)** REG/P-F/AUD. *Prerequisites: CHEM 203; and ENCH 215 and ENCH 250. Pre- or corequisite: MATH 241.*
0101 **(20654)** Greer, S.
TuTh 2:00pm-3:15pm (CHE 2110)
F 2:00pm-2:50pm (CHE 2108) Dis
0102 **(20655)** Anisimov, M.
TuTh 2:00pm-3:15pm (PHY 4208)
F 2:00pm-2:50pm (CHE 2136) Dis

ENCH333 *(PermReq)* **Chemical Engineering Seminar; (1)** REG/P-F/AUD. *Senior standing.*
0101 **(20665)** STAFF
W 12:00pm-12:50pm (CHE 2136)
0201 **(20666)** Gentry, J.
W 12:00pm-12:50pm (CHE 2145)

ENCH422 *(PermReq)* **Transport Processes I; (3)** REG/P-F/AUD. *Prerequisites: ENCH 215 and ENCH 250. Pre- or corequisites: MATH 241 and MATH 246.*
0101 **(20676)** Calabrese, R.
TuTh 9:30am-10:45am (CHE 2108)
F 1:00pm-1:50pm (CHE 2108) Dis

ENCH426 *(PermReq)* **Transport Processes III; (3)** REG. *Prerequisites: ENCH 300 and ENCH 424.*
0101 **(20686)** Weigand, W.
MWF 2:00pm-2:50pm (CHE 2110)

ENCH437 *(PermReq)* **Chemical Engineering Laboratory; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424; and ENCH 440; and ENCH 442. Corequisite: ENCH 426.*
0101 **(20696)** Holoman, T.
Th 1:00pm-5:00pm (CHE 1145) Lab
Th 11:00am-1:00pm (CHE 2136) Dis
0201 **(20697)** Holoman, T.
Tu 1:00pm-5:00pm (CHE 1145) Lab
Tu 11:00am-1:00pm (CHE 2136) Dis

ENCH444 *(PermReq)* **Process Engineering Economics and Design I; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424; and ENCH 440. Corequisite: ENCH 426.*
0101 **(20707)** Zafiriou, E.
MWF 9:00am-9:50am (CHE 2108)

ENCH454 Chemical Process Analysis and Optimization; (3) REG/P-F/AUD. *Prerequisites: ENCH 440 and MATH 246. Corequisite: ENCH 426.*
0101 **(20717)** McAvoy, T.
MWF 4:00pm-5:30pm (CHE 2118)

ENCH468 *(PermReq)* **Research; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH468M Research: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 **(20747)** Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENCH468R Research: Recycling of Waste Materials; (3) REG/P-F/AUD.
0101 **(20757)** Osifade, O.
MW 4:00pm-5:15pm (CHE 2145)

ENCH482 *(PermReq)* **Biochemical Engineering; (3)** REG/P-F/AUD. *Prerequisite: ENCH 440.*
0101 **(20767)** Wang, N.
MWF 11:00am-11:50am (CHE 2136)

ENCH490 *(PermReq)* **Introduction to Polymer Science; (3)** REG/P-F/AUD. *Prerequisites: ENCH 424 and ENCH 440.*
0101 **(20777)** Choi, K.
MWF 10:00am-10:50am (CHE 2136)

ENCH609 *(PermReq)* **Graduate Seminar; (1)** REG/AUD.
0101 **(20787)** STAFF
Th 4:00pm-5:30pm (CHE 2108)

ENCH610 Chemical Engineering Thermodynamics; (3) REG/AUD.
0101 **(20797)** Panagiotopoulos, A.
MW 4:00pm-5:15pm (CHE 2136)

ENCH620 Methods of Engineering Analysis; (3) REG/AUD.
0101 **(20807)** Gentry, J.
MW 5:30pm-6:45pm (CHE 2145)

ENCH648 *(PermReq)* **Special Problems in Chemical Engineering; (1-16)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENCH648B Special Problems in Chemical Engineering: Advanced Biochemical Engineering; (3) REG.
0101 **(20837)** Wang, N.
MWF 11:00am-11:50am (CHE 2140)

ENCH648S Special Problems in Chemical Engineering: Particle Science and Technology; (3) REG/AUD.
0101 **(20847)** Ehrman, S.
MWF 10:00am-10:50am (CHE 2145)

ENCH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCH899 Doctoral Dissertation Research: Chemical Engineering; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENCO Engineering, Cooperative Education
(Engineering)

ENCO099 *(PermReq)* **Co-Op Work Experience; (No credit)** S-F. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes.
0101 **(20951)** Sauber, H.
Time and room to be arranged

ENEE Engineering, Electrical
(Engineering)

ENEE114 Programming Concepts for Engineering; (4) REG. *Prerequisite: ENES 100. For ENEE majors (09090) only. Restricted to students with 60 or less cumulative semester hours.*
0101 **(21001)** Hawkins, W.
TuTh 11:00am-12:15pm (EGR 1202)
MW 9:00am-9:50am (EAB 0305) Dis
0102 **(21002)** Hawkins, W.
TuTh 11:00am-12:15pm (EGR 1202)
MW 4:00pm-4:50pm (EAB 0305) Dis
0103 **(21003)** Hawkins, W.
TuTh 11:00am-12:15pm (EGR 1202)
MW 11:00am-11:50am (EAB 0305) Dis
0104 **(21004)** Hawkins, W.
TuTh 11:00am-12:15pm (EGR 1202)
MW 2:00pm-2:50pm (EAB 0305) Dis

ENEE204 Basic Circuit Theory; (3) REG. *Prerequisite: MATH 246.* Engineering College only (04).
0101 **(21015)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
M 1:00pm-1:50pm (EGR 1102) Dis
0102 **(21016)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
W 12:00pm-12:50pm (EGR 1102) Dis
0103 **(21017)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
M 12:00pm-12:50pm (EGR 3114) Dis
0104 **(21018)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
M 11:00am-11:50am (EGR 3114) Dis
0105 **(21019)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
Tu 12:30pm-1:20pm (EGR 3114) Dis
0106 **(21020)** Striffler, C.
TuTh 9:30am-10:45am (CHE 2110)
M 2:00pm-2:50pm (CHE 2145) Dis
0201 **(21021)** O'Shea, P.
MWF 9:00am-9:50am (CHE 2110)
M 2:00pm-2:50pm (EGR 3102) Dis
0202 **(21022)** O'Shea, P.
MWF 9:00am-9:50am (CHE 2110)
M 3:00pm-3:50pm (EGL 1202) Dis
0203 **(21023)** O'Shea, P.
MWF 9:00am-9:50am (CHE 2110)
W 2:00pm-2:50pm (CHE 2145) Dis
0204 **(21024)** O'Shea, P.
MWF 9:00am-9:50am (CHE 2110)
F 12:00pm-12:50pm (EGR 0108) Dis

ENEE206 Fundamental Electric and Digital Circuit Laboratory; (2) REG. *Prerequisite: ENEE 244. Corequisite: ENEE 204. For ENEE majors 09090 only. Credit will be granted for only one of the following: ENEE 206 or ENEE 305. Formerly ENEE 305.*
0101 **(21036)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
M 8:00am-11:00am (AVW 1356) Lab
0102 **(21037)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
M 12:00pm-3:00pm (AVW 1356) Lab
0103 **(21038)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 9:00am-12:00pm (AVW 1356) Lab
0104 **(21039)** Lawson, W.

Tu 2:00pm-2:50pm (EGR 1202)
Tu 3:30pm-6:30pm (AVW 1356) Lab
0105 **(21040)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Tu 8:00am-11:00am (AVW 1356) Lab
0106 **(21041)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 12:00pm-3:00pm (AVW 1356) Lab
0107 **(21042)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
W 4:00pm-7:00pm (AVW 1356) Lab
0108 **(21043)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
Th 3:30pm-6:30pm (AVW 1356) Lab
0109 **(21044)** Lawson, W.
Tu 2:00pm-2:50pm (EGR 1202)
F 9:00am-12:00pm (AVW 1356) Lab

ENEE244 Digital Logic Design; (3) REG. *Prerequisite: ENEE 114.* Engineering College only (04).
0101 **(21054)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
M 8:00am-8:50am (EGR 3106) Dis
0102 **(21055)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
M 10:00am-10:50am (EGR 1102) Dis
0103 **(21056)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
M 2:00pm-2:50pm (EGR 1108) Dis
0104 **(21057)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
W 8:00am-8:50am (EGR 3114) Dis
0105 **(21058)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
W 9:00am-9:50am (EGR 3114) Dis
0106 **(21059)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
M 10:00am-10:50am (CHE 2118) Dis
0107 **(21060)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
W 2:00pm-2:50pm (EGR 3102) Dis
0108 **(21061)** Silio, C.
TuTh 9:30am-10:45am (BPS 1243)
Th 11:00am-11:50am (CHM 2201) Dis
0201 **(21062)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
F 8:00am-8:50am (EGR 3114) Dis
0202 **(21063)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
M 4:00pm-4:50pm (EGR 1108) Dis
0203 **(21064)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Tu 8:00am-8:50am (EGR 3114) Dis
0204 **(21065)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Th 8:00am-8:50am (EGR 3114) Dis
0205 **(21066)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
M 9:00am-9:50am (CHE 2136) Dis
0206 **(21067)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
Tu 11:00am-11:50am (COL 3112) Dis
0207 **(21068)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
F 9:00am-9:50am (EGR 1110) Dis
0208 **(21069)** Oruc, Y.
MWF 10:00am-10:50am (CHE 2108)
M 8:00am-8:50am (EGR 1110) Dis

ENEE302 Analog Electronic Circuits; (3) REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21079)** Newcomb, R.
TuTh 3:30pm-4:45pm (CHM 0115)
M 3:00pm-3:50pm (CHE 2140) Dis
0102 **(21080)** Newcomb, R.
TuTh 3:30pm-4:45pm (CHM 0115)
Tu 11:00am-11:50am (EGR 3102) Dis
0201 **(21081)** STAFF
TuTh 3:30pm-4:45pm (CHM 1402)
M 12:00pm-12:50pm (EGR 3102) Dis
0202 **(21082)** STAFF
TuTh 3:30pm-4:45pm (CHM 1402)
W 12:00pm-12:50pm (ARM 0101) Dis
0301 **(21083)** Rhee, M.
MWF 12:00pm-12:50pm (CHM 1402)
Th 8:00am-8:50am (ARM 0101) Dis
0302 **(21084)** Rhee, M.
MWF 12:00pm-12:50pm (CHM 1402)
M 11:00am-11:50am (CHE 2145) Dis

ENEE302H *(PermReq)* **Analog Electronic Circuits; (3)** REG. *Prerequisite: ENEE 204 and completion of all lower-division courses in the EE curriculum. See above note.* For general honors students only.
0101 **(21094)** Iliadis, A.
TuTh 11:00am-12:15pm (EGR 1104)
M 12:00pm-12:50pm (EGR 1104) Dis

ENEE306 Electronic Circuits Design Laboratory; (2) REG. *Prerequisite: ENEE 302. For ENEE majors 09090 only. Not open to students who have completed ENEE 413. Formerly ENEE 413.*
0101 **(21104)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
M 8:00am-11:00am (AVW 1330) Lab
0102 **(21105)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
W 4:00pm-7:00pm (AVW 1330) Lab
0103 **(21106)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
Tu 9:30am-12:30pm (AVW 1330) Lab
0104 **(21107)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
Tu 3:30pm-6:30pm (AVW 1330) Lab
0105 **(21108)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
W 8:00am-11:00am (AVW 1330) Lab
0106 **(21109)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
F 12:00pm-3:00pm (AVW 1330) Lab
0107 **(21110)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
Th 9:30am-12:30pm (AVW 1330) Lab
0108 **(21111)** Orloff, J.
W 1:00pm-1:50pm (CHE 2110)
F 8:00am-11:00am (AVW 1330) Lab

ENEE312 Digital Electronic Circuits; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21121)** Yang, C.
MWF 10:00am-10:50am (CHM 0119)
Th 1:00pm-1:50pm (JMP 2202) Dis
0102 **(21122)** Yang, C.
MWF 10:00am-10:50am (CHM 0119)
Th 2:00pm-2:50pm (EGR 1102) Dis
0201 **(21123)** Melngailis, J.
TuTh 11:00am-12:15pm (CHM 0115)
Tu 9:30am-10:20am (EGR 1102) Dis
0202 **(21124)** Melngailis, J.
TuTh 11:00am-12:15pm (CHM 0115)
Tu 2:00pm-2:50pm (EGR 1102) Dis

ENEE322 Signal and System Theory; (3) REG. *Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note.* ENEE majors (09090) only.
0101 **(21134)** Chellappa, R.
TuTh 9:30am-10:45am (EAB 0307)
Tu 8:00am-8:50am (EGR 2112) Dis
0102 **(21135)** Chellappa, R.
TuTh 9:30am-10:45am (EAB 0307)
Th 11:00am-11:50am (CHM 0128) Dis
0201 **(21136)** Krishnaprasad, P.
MWF 11:00am-11:50am (CHM 0127)
W 1:00pm-1:50pm (EGR 1102) Dis
0202 **(21137)** Krishnaprasad, P.
MWF 11:00am-11:50am (CHM 0127)
F 2:00pm-2:50pm (EGR 1104) Dis
0301 **(21138)** Tits, A.
TuTh 2:00pm-3:15pm (EAB 0307)
Th 4:00pm-4:50pm (CHM 0124) Dis
0302 **(21139)** Tits, A.
TuTh 2:00pm-3:15pm (EAB 0307)
Tu 9:30am-10:20am (EGR 0108) Dis

ENEE324 Engineering Probability; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21149)** Farvardin, N.
TuTh 9:30am-10:45am (CHM 0115)
Th 8:00am-8:50am (EGR 1108) Dis
0102 **(21150)** Farvardin, N.
TuTh 9:30am-10:45am (CHM 0115)
Th 2:00pm-2:50pm (EGR 3114) Dis
0201 **(21151)** Gansman, J.
MWF 11:00am-11:50am (CHE 2108)
F 1:00pm-1:50pm (JMP 3104) Dis
0202 **(21152)** Gansman, J.
MWF 11:00am-11:50am (CHE 2108)
F 3:00pm-3:50pm (JMP 3104) Dis

ENEE324H *(PermReq)* **Engineering Probability; (3)** REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* For general honors students only.
0101 **(21162)** Levine, W.
TuTh 2:00pm-3:15pm (EGR 3106)
M 1:00pm-1:50pm (CHM 0119) Dis

ENEE350 Computer Organization; (3) REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only. Not open to students who have completed ENEE 250. Formerly ENEE 250.* ENEE majors (09090) only
0101 **(21174)** Jacob, B.
TuTh 9:30am-10:45am (CHM 0127)
M 8:00am-8:50am (EGR 3102) Dis
0102 **(21175)** Jacob, B.
TuTh 9:30am-10:45am (CHM 0127)
Th 8:00am-8:50am (EGL 1202) Dis
0201 **(21176)** Silio, C.
TuTh 12:30pm-1:45pm (CHE 2110)
W 2:00pm-2:50pm (EGR 1108) Dis
0202 **(21177)** Silio, C.
TuTh 12:30pm-1:45pm (CHE 2110)
M 2:00pm-2:50pm (CSS 2330) Dis

ENEE350H *(PermReq)* **Computer Organization; (3)** REG. *Prerequisite: ENEE 244 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only. Not open to students who have completed ENEE 250. Formerly ENEE 250.* For general honors students only.
0101 **(21189)** Jaja, J.
TuTh 12:30pm-1:45pm (JMP 3105)
W 8:00am-8:50am (CHM 0122) Dis

ENEE380 Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21199)** Davis, C.
MWF 10:00am-10:50am (CHM 0127)
W 8:00am-8:50am (EGR 1102) Dis
0102 **(21200)** Davis, C.
MWF 10:00am-10:50am (CHM 0127)
M 3:00pm-3:50pm (EGR 1102) Dis
0201 **(21201)** Dagenais, M.
TuTh 11:00am-12:15pm (EAB 0307)
Tu 8:00am-8:50am (EGR 3102) Dis
0202 **(21202)** Dagenais, M.
TuTh 11:00am-12:15pm (EAB 0307)
W 4:00pm-4:50pm (EGR 1104) Dis

ENEE380H Electromagnetic Theory; (3) REG. *Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(21212)** Goldhar, J.
TuTh 9:30am-10:45am (CHM 0122)
F 1:00pm-1:50pm (EGR 1108) Dis

ENEE381 Electromagnetic Wave Propagation; (3) REG. *Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors only (09090).
0101 **(21222)** Rhee, M.
MWF 2:00pm-2:50pm (CSS 1113)
Tu 3:00pm-3:50pm (EGR 1104) Dis
0102 **(21223)** Rhee, M.
MWF 2:00pm-2:50pm (CSS 1113)
Th 3:00pm-3:50pm (EGL 1204) Dis
0201 **(21224)** Milchberg, H.
TuTh 12:30pm-1:45pm (CHM 0115)
M 2:00pm-2:50pm (EGR 1102) Dis
0202 **(21225)** Milchberg, H.
TuTh 12:30pm-1:45pm (CHM 0115)
W 2:00pm-2:50pm (EGR 1102) Dis
0203 **(21226)** Milchberg, H.
TuTh 12:30pm-1:45pm (CHM 0115)
F 2:00pm-2:50pm (CHM 0119) Dis

ENEE417 Microelectronics Design Laboratory; (2) REG. *Prerequisites: ENEE 305 and ENEE 312 and completion of all lower-division technical courses in the EE curriculum. See above note. For ENEE majors only.*
0101 **(21236)** Iliadis, A.
W 9:00am-9:50am (EGR 3102)
Tu 2:00pm-5:00pm (AVW 1418) Lab
0102 **(21237)** Iliadis, A.
W 9:00am-9:50am (EGR 3102)
M 9:00am-12:00pm (AVW 1418) Lab

ENEE419J Topics in Microelectronics: Integrated Circuit Fabrication Lab; (3) REG. Prerequisites: ENEE 302 and completion of all lower division technical courses in the EE curriculum. See above note. EE majors (09090) only.
0101 **(21247)** Edinger, K.
Tu 1:00pm-2:15pm (CHE 2120)
Th 3:30pm-6:30pm (ERF 0202) Lab
0102 **(21248)** Edinger, K.
Tu 1:00pm-2:15pm (CHE 2120)
Tu 3:30pm-6:30pm (ERF 0202) Lab

ENEE420 Communication Systems; (3) REG. *Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21258)** Geraniotis, E.
MW 3:30pm-4:45pm (EGL 1204)
0201 **(21259)** STAFF
TuTh 5:00pm-6:15pm (CHM 0127)

ENEE425 Digital Signal Processing; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21269)** Shekarforoush, H.
MW 11:00am-12:15pm (EGR 3106)
0201 **(21270)** Abed, E.
TuTh 2:00pm-3:15pm (CSS 2428)

ENEE426 Communication Networks; (3) REG. *Prerequisite: permission of department and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(21280)** Tassiulas, L.
MW 12:30pm-1:45pm (EGR 1108)

ENEE428 Communications Design Laboratory; (2) REG. Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. Corequisite: ENEE 420 or ENEE 425. For ENEE majors only.
0101 **(21291)** Tretter, S.
F 1:00pm-1:50pm (CHM 0115)
M 9:00am-12:00pm (AVW 1422) Lab
0102 **(21292)** Tretter, S.
F 1:00pm-1:50pm (CHM 0115)
Tu 9:00am-12:00pm (AVW 2428) Lab
0103 **(21293)** Tretter, S.
F 1:00pm-1:50pm (CHM 0115)
W 9:00am-12:00pm (AVW 1422) Lab
0104 **(21294)** Tretter, S.
F 1:00pm-1:50pm (CHM 0115)
Th 9:00am-12:00pm (AVW 2428) Lab
0105 **(21295)** Tretter, S.
F 1:00pm-1:50pm (CHM 0115)
F 9:00am-12:00pm (AVW 1422) Lab

ENEE429W *(PermReq)* **Topics in Communications: Indoor Wireless Project; (2)** REG. Prerequisites: permission of instructor and department and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(21305)** Tretter, S.
M 2:00pm-2:50pm (CHE 2120)
M 3:00pm-5:00pm (AVW 1414) Lab
0102 **(21306)** Tretter, S.
M 2:00pm-2:50pm (CHE 2120)
W 3:00pm-3:50pm (AVW 1414) Lab

ENEE435 Electrodes and Electrical Processes in Biology and Medicine; (3) REG/AUD. *Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note.*
0101 **(21316)** DeClaris, N.
MW 3:30pm-4:45pm (CSS 1113)

ENEE440 Microprocessors; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only.* ENEE majors only (09090).
0101 **(21326)** Hawkins, W.
TuTh 12:30pm-1:45pm (JMP 3201)

ENEE445 Computer Laboratory; (2) REG. *Prerequisites: ENEE 206 or equivalent and ENEE 440, or permission of instructor; and completion of all lower-division technical courses in the EE curriculum. See above note. For 09090 and 09991 majors only.* ENEE majors (09090) only.
0101 **(21336)** Stewart, D.
Tu 11:00am-11:50am (PLS 1158)
Th 2:00pm-5:00pm (AVW 1458) Lab

ENEE446 Digital Computer Design; (3) REG. *Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21346)** Yeung, D.
MW 9:30am-10:45am (CSS 1113)

ENEE448 Microprocessor Systems Design; (3) REG. Prerequisite: ENEE 440 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only.
0101 **(21356)** Hawkins, W.
Th 8:30am-9:20am (CHE 2118)
Time and room to be arranged Lab

ENEE449 Modern Digital System Design Laboratory; (3) REG. ENEE majors (09090) only.
0101 **(21366)** Nakajima, K.
MW 1:00pm-1:50pm (CHE 2145)
W 12:00pm-3:00pm (AVW 1458) Lab

ENEE459A Topics in Computer Engineering: CAD Tools for Microprocessor System Design; (1) REG.
0101 **(21376)** Hawkins, W.
Tu 8:30am-9:20am (EGR 3111)

ENEE459S Topics in Computer Engineering: Operating Systems; (3) REG.
0101 **(21386)** Gligor, V.
MW 11:00am-12:15pm (CHM 0115)

ENEE459Y Topics in Computer Engineering: Digital VLSI System Design Laboratory; (3) REG.
0101 **(21396)** Marculescu, D.
F 12:30pm-2:00pm (CHM 0122)
F 2:00pm-5:00pm (CHM 0122) Lab

ENEE460 Control Systems; (3) REG. *Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21406)** Goldberg, A.
TuTh 5:00pm-6:15pm (CHM 0124)

ENEE472 Electric Machines and Actuators; (3) REG. *Prerequisite: ENEE 322; and ENEE 380; and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21416)** Mayergoyz, I.
MW 3:30pm-4:45pm (EAB 0307)

ENEE474 Power Systems; (3) REG/P-F/AUD. *Prerequisite: ENEE 322 and completion of all lower-division technical in the EE curriculum. See above note.*
0101 **(21426)** Emad, F.
MW 2:00pm-3:15pm (EGR 0110)

ENEE480 Fundamentals of Solid State Electronics; (3) REG. *Prerequisite: ENEE 302 and completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21436)** Peckerar, M.
TuTh 5:00pm-6:15pm (JMP 3104)

ENEE486 Optoelectronics Lab; (2) REG. *Prerequisites: ENEE 305 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum.* ENEE majors (09090) only.
0101 **(21446)** Lee, C.
M 1:00pm-1:50pm (CHE 2120)
W 9:00am-12:00pm (EGL 1144) Lab

ENEE497 Optical System Design; (3) REG. *Corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note.* ENEE majors (09090) only.
0101 **(21456)** Ho, P.
TuTh 11:00am-12:15pm (CSS 2428)

ENEE498B Topics in Electrical Engineering: Radiowave Propagation and Antennas for Wireless Communication; (3) REG. Prerequisites: ENEE 381 and completion of all lower division technical courses in the EE curriculum. See above note. EE majors (09090) only.
0101 **(21466)** Granatstein, V.
TuTh 2:00pm-3:15pm (MTH 1308)

ENEE499 *(PermReq)* **Senior Projects in Electrical Engineering; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only.

ENEE610 Electrical Network Theory; (3) REG/AUD. *Prerequisite: undergraduate circuit theory or permission of instructor.*
0101 **(21545)** Newcomb, R.
TuTh 5:00pm-6:15pm (CHM 0119)

ENEE620 Random Processes in Communication and Control; (3) REG/AUD. *Prerequisite: ENEE 324 or equivalent.*
0101 **(21555)** Shayman, M.
MW 3:30pm-4:45pm (CHE 2108)

ENEE624 Advanced Digital Signal Processing; (3) REG/AUD. *Prerequisites: ENEE 425 or equivalent. Corequisite: ENEE 620. Formerly ENEE 724.*
0101 **(21565)** Papadopoulos, H.
MW 11:00am-12:15pm (CHM 0119)

ENEE625 Multi-user Communication; (3) REG/AUD. *Prerequisite: ENEE 620.*
0101 **(21575)** Makowski, A.
TuTh 12:30pm-1:45pm (EGR 0135)

ENEE646 Digital Computer Design; (3) REG/AUD. *Prerequisite: ENEE 446 or equivalent knowledge of basic computer design, as well as experience in assembly language programming for at least one instruction set architecture and basic probability theory.*
0101 **(21585)** Franklin, M.
TuTh 2:00pm-3:15pm (CHE 2108)

ENEE663 System Theory; (3) REG/AUD. *Also offered as MAPL 640.*
0101 **(21595)** Marcus, S.
MW 12:30pm-1:45pm (CHE 2108)

ENEE680 Electromagnetic Theory I; (3) REG/AUD. *Prerequisite: ENEE 381 or equivalent.*
0101 **(21605)** Ott, E.
TuTh 3:30pm-4:45pm (CHM 2201)

ENEE690 Quantum and Wave Phenomena with Electrical Application; (3) REG/AUD. *Prerequisites: ENEE 381 and ENEE 382 or equivalent.*
0101 **(21615)** Gomez, R.
MW 5:00pm-6:15pm (CHM 0122)

ENEE698A Graduate Seminar: Communication and Signal Processing Seminar; (1-3) REG/AUD. Electrical engineering majors only.
0101 **(21625)** STAFF
M 4:00pm-5:00pm (JMP 3104)

ENEE698B Graduate Seminar: Computer Engineering Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(21635)** Franklin, M.
Tu 4:00pm-5:00pm (CHE 2145)

ENEE698E Graduate Seminar: Microelectronics Seminar; (1) REG/AUD. Electrical engineering majors only.
0101 **(21665)** STAFF
W 4:00pm-5:00pm (CHM 0122)

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENEE721 Information Theory; (3) REG/AUD. *Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731.*
0101 **(21745)** Narayan, P.
MW 2:00pm-3:15pm (CHM 0115)

ENEE752 Computational Intelligence and Knowledge Engineering; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(21755)** DeClaris, N.
MW 5:00pm-6:15pm (CHM 0124)

ENEE759E Advanced Topics in Computer Engineering: Modeling Analysis and Optimization of Embedded Software; (3) REG/AUD.
0101 **(21765)** Bhattacharyya, S.
TuTh 12:30pm-1:45pm (CLB 0102)

ENEE759F Advanced Topics in Computer Engineering: Mathematical Foundations for Computer Systems; (3) REG/AUD.
0101 **(21775)** Vishkin, U.
TuTh 11:00am-12:15pm (CSS 2416)

ENEE759J Advanced Topics in Computer Engineering: Interconnection Networks; (3) REG/AUD.
0101 **(21785)** Oruc, Y.
MW 2:00pm-3:15pm (CHM 0124)

ENEE789C Advanced Topics in Electrophysics: Numerical Methods in Electromagnetism; (3) REG/AUD.
0101 **(21795)** Zaki, K.
TuTh 3:30pm-4:45pm (EGR 3106)

ENEE791 Quantum Electronics II; (3) REG/AUD.
0101 **(21805)** Goldsman, N.
TuTh 12:30pm-1:45pm (EGR 3106)

ENEE793 Solid State Electronics; (3) REG/AUD. *Prerequisite: a graduate course in quantum mechanics or permission of instructor.*
0101 **(21815)** Goldsman, N.
TuTh 11:00am-12:15pm (EGR 0108)

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENES Engineering Science
(Engineering)

ENES100 *(PermReq)* **Introduction to Engineering Design; (3)** REG/P-F/AUD. CORE: PS *Corequisite: MATH 140.*
0101 **(22014)** STAFF
MW 8:00am-9:50am (JMP 1202)
F 8:00am-8:50am (JMP 1202)
0201 **(22015)** STAFF
TuTh 8:00am-9:50am (JMP 1202)
F 9:00am-9:50am (JMP 1202)
0301 **(22016)** STAFF
TuTh 8:00am-9:50am (JMP 3105)
F 9:00am-9:50am (JMP 3104)
0401 **(22017)** STAFF
MW 10:00am-11:50am (JMP 1202)
F 10:00am-10:50am (JMP 1202)
0501 **(22018)** STAFF
MW 10:00am-11:50am (JMP 3104)
F 10:00am-10:50am (JMP 3104)
0601 **(22019)** STAFF
TuTh 10:00am-11:50am (JMP 1202)
F 11:00am-11:50am (JMP 1202)
0701 **(22020)** STAFF
MW 12:00pm-1:50pm (JMP 1202)
F 12:00pm-12:50pm (JMP 1202)
0801 **(22021)** STAFF
TuTh 12:00pm-1:50pm (JMP 1202)
F 1:00pm-1:50pm (JMP 1202)
0901 **(22022)** STAFF
MW 2:00pm-3:50pm (JMP 1202)
F 2:00pm-2:50pm (JMP 1202)
1001 **(22023)** STAFF
MW 2:00pm-3:50pm (JMP 3104)
F 2:00pm-2:50pm (JMP 3104)
1101 **(22024)** STAFF
TuTh 2:00pm-3:50pm (JMP 1202)
F 3:00pm-3:50pm (JMP 1202)

ENES100+ Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS *Corequisite: MATH 140.* Restricted to students in a First Year Focus Cluster.
0205 **(22034)** STAFF
W 12:00pm-12:50pm (CHM 2201)
Th 12:00pm-1:50pm (JMP 1202)
0206 **(22035)** STAFF
W 12:00pm-12:50pm (ARM 0121)
Th 2:00pm-3:50pm (JMP 1202)

ENES100G Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS *Corequisite: MATH 140.*
0101 **(22045)** STAFF
MW 8:00am-9:50am (JMP 3105)
F 8:00am-8:50am (JMP 3105)
0201 **(22046)** STAFF
TuTh 10:00am-11:50am (EGR 3106)
F 11:00am-11:50am (EGR 3106)
0301 **(22047)** STAFF
MW 12:00pm-1:50pm (CHM 0127)
F 12:00pm-12:50pm (CHM 0127)
0401 **(22048)** STAFF
TuTh 2:00pm-3:50pm (CLB 0109)
F 3:00pm-3:50pm (CLB 0109)

ENES100H Introduction to Engineering Design; (3) REG/P-F/AUD. CORE: PS *Corequisite: MATH 140.* For honors students only.
0101 **(22058)** STAFF
TuTh 12:00pm-1:50pm (ARM 0112)
F 1:00pm-1:50pm (ARM 0112)

ENES102 *(PermReq)* **Statics; (2)** REG/P-F/AUD. *Prerequisite: MATH 140. For engineering majors only. Formerly ENES 110.*
0101 **(22068)** STAFF
TuTh 11:00am-11:50am (ARM 0112)
M 1:00pm-1:50pm (CHM 2201) Dis
0201 **(22069)** STAFF
TuTh 11:00am-11:50am (JMP 3104)
Tu 1:00pm-1:50pm (EGR 2154) Dis
0301 **(22070)** STAFF
TuTh 11:00am-11:50am (JMP 3105)
W 1:00pm-1:50pm (EGR 3114) Dis
0401 **(22071)** STAFF
TuTh 11:00am-11:50am (ARM 0117)
Th 1:00pm-1:50pm (CHM 0124) Dis
0501 **(22072)** STAFF
TuTh 11:00am-11:50am (CHM 1402)
Tu 1:00pm-1:50pm (ARM 0116) Dis

ENES190H Introduction to Design and Quality; (3) REG. *Prerequisite: permission of College. Also offered as BMGT 190.* First course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(22082)** Dieter, G.
MW 5:00pm-6:15pm (VMH 2203)

ENES220 Mechanics of Materials; (3) REG/AUD. *Prerequisites: ENES 102; and MATH 141; and PHYS 161. For engineering majors only (not including ENEE majors).* Prerequisite: student in the College of Engineering.
0101 **(22092)** Chang, P.
MW 8:00am-8:50am (CHM 0127)
M 2:00pm-4:00pm (CHM 0119) Dis
0102 **(22093)** Chang, P.
MW 8:00am-8:50am (CHM 0127)
W 2:00pm-4:00pm (ARM 0103) Dis
0201 **(22094)** Chang, P.
MW 9:00am-9:50am (CHM 0127)
M 2:00pm-4:00pm (CHM 0122) Dis
0202 **(22095)** Chang, P.
MW 9:00am-9:50am (CHM 0127)
W 2:00pm-4:00pm (CHE 2136) Dis
0301 **(22096)** Albrecht, P.
TuTh 8:00am-8:50am (CHE 2110)
M 2:00pm-4:00pm (CHM 0127) Dis
0302 **(22097)** Albrecht, P.
TuTh 8:00am-8:50am (CHE 2110)
W 2:00pm-4:00pm (CHM 0127) Dis

ENES221 Dynamics; (3) REG/P-F/AUD. *Prerequisites: ENES 102 or ENES 110; and MATH 141; and PHYS 161.* Prerequisite: student in the College of Engineering.
0101 **(22107)** STAFF
TuTh 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (JMP 3105) Dis
0102 **(22108)** STAFF
TuTh 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (JMP 3104) Dis
0103 **(22109)** STAFF
TuTh 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (JMP 3105) Dis
0104 **(22110)** STAFF
TuTh 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (JMP 3104) Dis

ENES230 Introduction to Materials and their Applications; (3) REG/P-F/AUD. *Prerequisite: ENES 100 or permission of department.* Prerequisite: student in the College of Engineering.
0101 **(22120)** Kofinas, P.
TuTh 11:00am-12:15pm (CHE 2108)

ENES386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

ENES388 Engineering Honors Seminar; (1) REG/P-F.
0101 **(22131)** McCuen, R.
W 12:00pm-12:50pm (EGL 1204)

ENES388G *(PermReq)* **Engineering Honors Seminar: Practicum in Group Project Management; (1)** REG/P-F.
0101 **(22141)** Schnell, E.
Time and room to be arranged

ENES388T *(PermReq)* **Engineering Honors Seminar: Seminar in College Teaching; (1)** REG/P-F.
0101 **(22151)** Fines, J.
Time and room to be arranged

ENES490H The Total Quality Practicum; (3) REG/P-F/AUD. *Prerequisite: BMGT 390 or ENES 390. Also offered as BMGT 490.* Fourth course in a sequence of four Total Quality Program Courses. For total Quality Program participants only.
0101 **(22161)** Naft, J.
TuTh 5:00pm-6:15pm (TYD 1118)

ENFP Engineering, Fire Protection
(Engineering)

ENFP251 Introduction to Fire Protection Engineering; (3) REG/P-F/AUD.
0101 **(22211)** Brannigan, V.
TuTh 9:30am-10:45am (EGR 0135)

ENFP300 Fire Protection Fluid Mechanics; (3) REG/P-F/AUD. *Prerequisites: MATH 246 and PHYS 262 and ENES 221.*
0101 **(22221)** Torero, J.
TuTh 2:00pm-3:15pm (EGR 0135)

ENFP320 Fire Assessment Methods and Laboratory; (4) REG/P-F/AUD. *For ENFP majors only.*
0101 **(22231)** Mowrer, F.
MW 12:30pm-1:45pm (ITV 1111)
W 3:00pm-4:50pm (Arranged) Lab

ENFP415 *(PermReq)* **Fire Dynamics; (3)** REG/P-F/AUD. *Prerequisites: ENFP 300 or ENCE 330 or ENME 342; and ENME 320 or ENCH 300; and ENFP 312 or permission of department.*
0101 **(22241)** Quintiere, J.
TuTh 3:30pm-4:45pm (EGR 0135)

ENFP416 *(PermReq)* **Problem Synthesis and Design; (3)** REG/P-F/AUD. *Senior standing.* Pre-requisite: permission of instructor.
0101 **(22251)** Spivak, S.
Time and room to be arranged

ENFP421 *(PermReq)* **Functional and Life Safety Analysis; (3)** REG/P-F/AUD. *Prerequisite: ENFP 320. For ENFP majors only.*
0101 **(22261)** Milke, J.
M 10:00am-11:50am (EGR 0135)
W 10:00am-10:50am (EGR 3106)

ENFP429 *(PermReq)* **Independent Studies; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Senior standing. For ENFP majors only.

ENFP431 Building Safety and the Law; (3) REG/P-F/AUD. *Junior standing.*
0101 **(22277)** Brannigan, V.
M 4:00pm-6:30pm (EGL 1202)

ENFP489 *(PermReq)* **Special Topics; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For ENFP majors only.

ENFP611 Fire Induced Flows; (3) REG/AUD. *Recommended: ENFP 415.*
0101 **(22293)** Quintiere, J.
Th 5:15pm-8:00pm (EGR 0135)

ENFP619 *(PermReq)* **Graduate Seminar; (1-3)** REG/AUD.
0101 **(22303)** Spivak, S.
Time and room to be arranged
Time and room to be arranged Dis

ENFP621 Analytical Procedures of Structural Fire Protection; (3) REG/AUD. *Prerequisite: ENFP 405.*
0101 **(22313)** Milke, J.
W 4:00pm-6:40pm (ITV 1111)

ENFP624 *(PermReq)* **Causative Analysis; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(22323)** Mowrer, F.
Tu 5:00pm-8:00pm (EGR 0135)

ENFP649 *(PermReq)* **Special Problems; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENFP799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENGL English
(Arts and Humanities)

English as a second language classes are listed under UMEI.

A student enrolled in ENGL A101 for Spring 1999, will have a reserved seat in ENGL 101 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advance registration.

ENGL101 Introduction to Writing; (3) REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101.
0001 **(22414)** STAFF
MWF 8:00am-8:50am (ARM 0102)
0101 **(22415)** STAFF
MWF 8:00am-8:50am (CSS 2416)
0102 **(22416)** STAFF
MWF 9:00am-9:50am (WDS 0104)
0103 **(22417)** STAFF
MWF 9:00am-9:50am (DNC 1147A)
0104 **(22418)** STAFF
MWF 9:00am-9:50am (HBK 0115)
0107 **(22419)** STAFF
MWF 9:00am-9:50am (KEY 0124)
0108 **(22420)** STAFF
MWF 9:00am-9:50am (ARM 0119)
0201 **(22421)** STAFF
MWF 10:00am-10:50am (KEY 0117)
0202 **(22422)** STAFF
MWF 10:00am-10:50am (KEY 0119)
0203 **(22423)** STAFF
MWF 10:00am-10:50am (WDS 1131)
0204 **(22424)** STAFF
MWF 10:00am-10:50am (TWS 2228)
0205 **(22425)** STAFF
MWF 10:00am-10:50am (KEY 0123)
0206 **(22426)** STAFF
MWF 10:00am-10:50am (EGR 3114)
0209 **(22427)** STAFF
MWF 10:00am-10:50am (ARC 1123)
0210 **(22428)** STAFF
MWF 10:00am-10:50am (ARM 0101)
0211 **(22429)** STAFF
MWF 10:00am-10:50am (ARM 0120)
0301 **(22430)** STAFF
MWF 11:00am-11:50am (EGR 3102)
0302 **(22431)** STAFF
MWF 11:00am-11:50am (ARM 0102)
0304 **(22432)** STAFF
MWF 11:00am-11:50am (SQH 2122)
0306 **(22433)** STAFF
MWF 11:00am-11:50am (WDS 1127)
0311 **(22434)** STAFF
MWF 11:00am-11:50am (CSS 1113)
0312 **(22435)** STAFF
MWF 11:00am-11:50am (SQH 2120)
0401 **(22436)** STAFF
MWF 12:00pm-12:50pm (PLS 1184)
0402 **(22437)** STAFF
MWF 12:00pm-12:50pm (KEY 0120)
0403 **(22438)** STAFF
MWF 12:00pm-12:50pm (SQH 1123)
0405 **(22439)** STAFF
MWF 12:00pm-12:50pm (WDS 1127)
0408 **(22440)** STAFF
MWF 12:00pm-12:50pm (HBK 0105)
0409 **(22441)** STAFF
MWF 12:00pm-12:50pm (DNC 1139B)
0503 **(22442)** STAFF
MWF 1:00pm-1:50pm (SQH 1103)
0504 **(22443)** STAFF
MWF 1:00pm-1:50pm (WDS 1127)
0506 **(22444)** STAFF
MWF 1:00pm-1:50pm (WDS 1131)
0507 **(22445)** STAFF
MWF 1:00pm-1:50pm (HBK 0105)
0508 **(22446)** STAFF
MWF 1:00pm-1:50pm (TWS 0135)
1001 **(22447)** STAFF
TuTh 8:00am-9:15am (SQH 1101)
1002 **(22448)** STAFF
TuTh 8:00am-9:15am (SQH 1111)
1004 **(22449)** STAFF
TuTh 9:30am-10:45am (TWS 2212)
1101 **(22450)** STAFF
TuTh 9:30am-10:45am (ARC 1125)
1102 **(22451)** STAFF
TuTh 9:30am-10:45am (SQH 2121)
1103 **(22452)** STAFF
TuTh 9:30am-10:45am (TWS 0135)
1105 **(22453)** STAFF
TuTh 9:30am-10:45am (ARM 0105)
1106 **(22454)** STAFF
TuTh 9:30am-10:45am (ARM 0120)
1107 **(22455)** STAFF
TuTh 9:30am-10:45am (KEY 0123)
1108 **(22456)** STAFF
TuTh 9:30am-10:45am (ARM 0119)
1111 **(22457)** STAFF
TuTh 9:30am-10:45am (JMP 1109)
1112 **(22458)** STAFF
TuTh 9:30am-10:45am (SQH 1123)
1202 **(22459)** STAFF
TuTh 11:00am-12:15pm (SKN 1112)
1205 **(22460)** STAFF
TuTh 11:00am-12:15pm (BPS 1124)
1207 **(22461)** STAFF
TuTh 11:00am-12:15pm (TWS 2212)
1208 **(22462)** STAFF
TuTh 11:00am-12:15pm (JUL 1105)
1209 **(22463)** STAFF
TuTh 11:00am-12:15pm (KEY 0121)
1210 **(22464)** STAFF
TuTh 11:00am-12:15pm (KEY 0123)
1212 **(22465)** STAFF
TuTh 11:00am-12:15pm (TWS 0131)
1213 **(22466)** STAFF
TuTh 11:00am-12:15pm (KEY 0120)
1215 **(22467)** STAFF
TuTh 11:00am-12:15pm (CHE 2120)
1216 **(22468)** STAFF
TuTh 11:00am-12:15pm (TYD 1128)
1301 **(22469)** STAFF
TuTh 12:30pm-1:45pm (HBK 1108)
1303 **(22470)** STAFF
TuTh 12:30pm-1:45pm (TLF 2101)
1304 **(22471)** STAFF
TuTh 12:30pm-1:45pm (WDS 1130)
1305 **(22472)** STAFF
TuTh 12:30pm-1:45pm (JMP 1109)
1308 **(22473)** STAFF
TuTh 12:30pm-1:45pm (HBK 0103)
1309 **(22474)** STAFF
TuTh 12:30pm-1:45pm (EGR 1102)
1310 **(22475)** STAFF
TuTh 12:30pm-1:45pm (HBK 1116)
1401 **(22476)** STAFF
TuTh 2:00pm-3:15pm (HBK 1116)
1403 **(22477)** STAFF
TuTh 2:00pm-3:15pm (WDS 1131)
1404 **(22478)** STAFF
TuTh 2:00pm-3:15pm (HJP 1229)
1405 **(22479)** STAFF
TuTh 2:00pm-3:15pm (KEY 0120)
1412 **(22480)** STAFF
TuTh 2:00pm-3:15pm (DNC 1147A)
1413 **(22481)** STAFF
TuTh 2:00pm-3:15pm (ARM 0102)
1414 **(22482)** STAFF
TuTh 2:00pm-3:15pm (KEY 0125)
1501 **(22483)** STAFF
TuTh 3:30pm-4:45pm (ARM 0101)
1504 **(22484)** STAFF
TuTh 3:30pm-4:45pm (KEY 0120)
1601 **(22485)** STAFF
TuTh 5:00pm-6:15pm (ASY 3215)

ENGL101+ Introduction to Writing; (3) REG. Restricted to students in a First Year Focus Cluster or College Park Scholars Program.
0108 **(22495)** STAFF
MWF 9:00am-9:50am (HBK 1108)
Restricted to students in a First Year Focus Cluster.

0207 **(22496)** STAFF
MWF 10:00am-10:50am (SQH 2121)
Restricted to students in a First Year Focus Cluster.

0208 **(22497)** STAFF
MWF 10:00am-10:50am (SQH 1111)
Restricted to students in a First Year Focus Cluster.

0301 **(22498)** STAFF
MWF 11:00am-11:50am (ARM 0120)
Restricted to students in a First Year Focus Cluster.

0303 **(22499)** STAFF
MWF 11:00am-11:50am (ARM 0103)
Restricted to students in a First Year Focus Cluster.

0308 **(22500)** STAFF
MWF 11:00am-11:50am (CHM 0122)
Restricted to students in a First Year Focus Cluster.

0309 **(22501)** STAFF
MWF 11:00am-11:50am (JMP 1109)
Restricted to students in a First Year Focus Cluster.

1108 **(22502)** STAFF
TuTh 9:30am-10:45am (ARM 0119)
Restricted to students in a First Year Focus Cluster.

1110 **(22503)** STAFF
TuTh 9:30am-10:45am (KEY 0124)
Restricted to students in a First Year Focus Cluster.

1112 **(22504)** STAFF
TuTh 9:30am-10:45am (JMZ 3120)
Restricted to students in a First Year Focus Cluster.

1203 **(22505)** STAFF
TuTh 11:00am-12:15pm (JMP 1109)
Restricted to students in a First Year Focus Cluster.

1214 **(22506)** STAFF
TuTh 11:00am-12:15pm (TWS 2228)
Restricted to students in a First Year Focus Cluster.

1313 **(22507)** STAFF
TuTh 12:30pm-1:45pm (SQH 1111)
Restricted to students in a First Year Focus Cluster.

1314 **(22508)** STAFF
TuTh 12:30pm-1:45pm (HBK 0123)
Restricted to students in a First Year Focus Cluster.

1315 **(22509)** STAFF
TuTh 12:30pm-1:45pm (JRN 1105)
Restricted to students in a First Year Focus Cluster.

1316 **(22510)** STAFF
TuTh 12:30pm-1:45pm (KEY 0117)
Restricted to students in a First Year Focus Cluster.

1407 **(22511)** STAFF
TuTh 2:00pm-3:15pm (KEY 0119)
Restricted to students in a First Year Focus Cluster.

1408 **(22512)** STAFF
TuTh 2:00pm-3:15pm (SQH 1121)
Restricted to students in a First Year Focus Cluster.

ENGL101A Introduction to Writing; (3) REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below.
1701 **(22522)** STAFF
MWF 1:00pm-1:50pm (ARC 1121)
1706 **(22523)** Oliver, G.
TuTh 9:30am-10:45am (CHE 2145)
1707 **(22524)** STAFF
MWF 10:00am-10:50am (KEY 0124)

ENGL101H Introduction to Writing; (3) REG. For general honors students or students with a verbal SAT of 600 or better.
0201 **(22534)** STAFF
MWF 11:00am-11:50am (HBK 0123)
0401 **(22535)** STAFF
MWF 10:00am-10:50am (CHM 0122)
0501 **(22536)** STAFF
TuTh 9:30am-10:45am (KEY 0117)
0701 **(22537)** STAFF
TuTh 11:00am-12:15pm (TWS 0135)
0801 **(22538)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1104)
0901 **(22539)** STAFF
TuTh 2:00pm-3:15pm (TWS 2212)
1001 **(22540)** STAFF
MWF 9:00am-9:50am (JMZ 1124)

ENGL101S Introduction to Writing; (3) REG.
Restricted to students in a College Park Scholars Program.
0109 **(22550)** STAFF
MWF 9:00am-9:50am (CBD 1140)
Restricted to College Park Scholars-Advocates for Children
0110 **(22551)** STAFF
MWF 9:00am-9:50am (CCC 1105)
Restricted to College Park Scholars-American Cultures
0209 **(22552)** STAFF
MWF 10:00am-10:50am (CCC 1105)
Restricted to College Park Scholars-Arts
0305 **(22553)** STAFF
MWF 11:00am-11:50am (CCC 1115)
Restricted to College Park Scholars-Business, Society and the Economy
0307 **(22554)** STAFF
MWF 11:00am-11:50am (CCC 1105)
Restricted to College Park Scholars-Arts
0310 **(22555)** STAFF
MWF 11:00am-11:50am (CCC 1200)
Restricted to College Park Scholars-American Cultures
0410 **(22556)** STAFF
MWF 12:00pm-12:50pm (CCC 1115)
Restricted to College Park Scholars-International Studies
0501 **(22557)** STAFF
MWF 12:00pm-12:50pm (CCC 1200)
Restricted to College Park Scholars-Advocates for Children
0505 **(22558)** STAFF
TuTh 12:30pm-1:45pm (CCC 1200)
Restricted to College Park Scholars-American Cultures
0507 **(22559)** STAFF
MWF 1:00pm-1:50pm (CCC 1115)
Restricted to College Park Scholars-Science, Discovery and the Universe
0602 **(22560)** STAFF
MWF 2:00pm-2:50pm (CCC 1105)
Restricted to College Park Scholars-Arts
0605 **(22561)** STAFF
MWF 2:00pm-2:50pm (CCC 1115)
Restricted to College Park Scholars-Science, Discovery and the Universe
0606 **(22562)** STAFF
MWF 2:00pm-2:50pm (CCC 1200)
Restricted to College Park Scholars-Science, Technology and Society
0702 **(22563)** STAFF
MWF 3:00pm-3:50pm (CCC 1115)
Restricted to College Park Scholars-Science, Technology and Society
1007 **(22564)** STAFF
TuTh 9:30am-10:45am (CCC 1200)
Restricted to College Park Scholars-Business, Society and the Economy
1206 **(22565)** STAFF
TuTh 11:00am-12:15pm (CCC 1115)
Restricted to College Park Scholars-Advocates for Children
1311 **(22566)** STAFF
TuTh 12:30pm-1:45pm (CCC 1105)
Restricted to College Park Scholars-Science, Technology and Society
1312 **(22567)** STAFF
TuTh 12:30pm-1:45pm (CCC 1115)
Restricted to College Park Scholars-Science, Discovery and the Universe
1601 **(22568)** STAFF
MWF 9:00am-9:50am (CCC 1115)
Restricted to College Park Scholars-International Studies

ENGL101X Introduction to Writing; (3) REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to Undergraduate Advising. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive.
2002 **(22578)** STAFF
TuTh 9:30am-10:45am (JMZ 1224)
2003 **(22579)** STAFF
TuTh 11:00am-12:15pm (ARM 0108)
2004 **(22580)** STAFF
MWF 10:00am-10:50am (HBK 0123)
2006 **(22581)** STAFF
MWF 11:00am-11:50am (TWS 2228)
2007 **(22582)** STAFF
MWF 9:00am-9:50am (HBK 0123)
2009 **(22583)** STAFF
MWF 12:00pm-12:50pm (TWS 2212)
2010 **(22584)** STAFF
TuTh 12:30pm-1:45pm (ARM 0108)

ENGL201 Western World Literature: Homer to the Renaissance; (3) REG/P-F/AUD. CORE: HL
0101 **(22594)** STAFF
TuTh 11:00am-12:15pm (MMH 3418)
0201 **(22595)** Cartwright, K.
TuTh 9:30am-10:45am (SKN 0104)
0301 **(22596)** STAFF
MWF 11:00am-11:50am (KEY 0121)

ENGL202 Western World Literature: Renaissance to the Present; (3) REG/P-F/AUD. CORE: HL
0101 **(22606)** STAFF
MWF 10:00am-10:50am (SQH 1121)
0201 **(22607)** STAFF
TuTh 11:00am-12:15pm (SQH 1105)

ENGL205 Introduction to Shakespeare; (3) REG/P-F/AUD. CORE: HL *Recommended for non-majors.*
0101 **(22617)** Wilson, G.
TuTh 11:00am-12:15pm (HBK 0123)
0201 **(22618)** STAFF
TuTh 12:30pm-1:45pm (WDS 0104)
0301 **(22619)** STAFF
TuTh 9:30am-10:45am (HBK 0123)
0401 **(22620)** STAFF
MWF 10:00am-10:50am (SQH 2120)
0501 **(22621)** STAFF
MWF 11:00am-11:50am (KEY 0126)
0601 **(22622)** STAFF
TuTh 2:00pm-3:15pm (SQH 2117)
0701 **(22623)** STAFF
MWF 1:00pm-1:50pm (SQH 2122)

ENGL211 English Literature: Beginnings to 1800; (3) REG/P-F/AUD. CORE: HL
0101 **(22633)** STAFF
MWF 10:00am-10:50am (KEY 0125)
0201 **(22634)** STAFF
MWF 11:00am-11:50am (COL 3110)
0301 **(22635)** STAFF
TuTh 9:30am-10:45am (HBK 1116)
0401 **(22636)** STAFF
TuTh 11:00am-12:15pm (HBK 0109)

ENGL212 English Literature: 1800 to the Present; (3) REG/AUD. CORE: HL
0101 **(22646)** STAFF
TuTh 2:00pm-3:15pm (KEY 0116)
0201 **(22647)** Peterson, W.
MWF 1:00pm-1:50pm (SQH 1107)
0301 **(22648)** STAFF
TuTh 11:00am-12:15pm (EGR 0110)
0401 **(22649)** Cate, G.
MWF 10:00am-10:50am (KEY 0103)
0501 **(22650)** STAFF
TuTh 12:30pm-1:45pm (SQH 2117)

ENGL221 American Literature: Beginning to 1865; (3) REG/P-F/AUD. CORE: HL
0101 **(22660)** STAFF
MWF 10:00am-10:50am (DNC 1139B)
0301 **(22661)** STAFF
TuTh 9:30am-10:45am (MCB 1207)

ENGL222 American Literature: 1865 to Present; (3) REG/P-F/AUD. CORE: HL
0101 **(22671)** STAFF
TuTh 9:30am-10:45am (CHM 0119)
0201 **(22672)** STAFF
MWF 1:00pm-1:50pm (SQH 1121)
0301 **(22673)** STAFF
TuTh 11:00am-12:15pm (ARM 0116)
0401 **(22674)** STAFF
MWF 9:00am-9:50am (SQH 1107)
0501 **(22675)** STAFF
MWF 10:00am-10:50am (SQH 1117)
0601 **(22676)** STAFF
TuTh 12:30pm-1:45pm (SQH 1101)

ENGL234 Introduction to African-American Literature; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0201 **(22686)** STAFF
TuTh 11:00am-12:15pm (SQH 1101)
0601 **(22687)** STAFF
TuTh 9:30am-10:45am (WDS 1114)
0701 **(22688)** STAFF
MWF 10:00am-10:50am (SQH 2122)
0801 **(22689)** STAFF
TuTh 12:30pm-1:45pm (WDS 1114)

ENGL235 Introduction to the Literatures of the African Diaspora; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Not open to students who have completed CMLT 235. Credit will be granted for only one of the following: CMLT 235 or ENGL 235.*
0101 **(22699)** STAFF
TuTh 2:00pm-3:15pm (SQH 1117)

ENGL241 Introduction to the Novel; (3) REG/P-F/AUD. CORE: HL
0101 **(22709)** Salamanca, J.
TuTh 9:30am-10:45am (SQH 1105)
0401 **(22710)** STAFF
MWF 9:00am-9:50am (EGL 1204)
0601 **(22711)** STAFF
MWF 11:00am-11:50am (SQH 1117)
0901 **(22712)** STAFF
TuTh 11:00am-12:15pm (LEF 1221)
1001 **(22713)** STAFF
MWF 10:00am-10:50am (PHY 1219)

ENGL243 Introduction to Poetry; (3) REG/P-F/AUD. CORE: HL
0401 **(22724)** STAFF
TuTh 2:00pm-3:15pm (SQH 2122)
0501 **(22725)** Loizeaux, E.
TuTh 9:30am-10:45am (SQH 1103)
0701 **(22726)** STAFF
MWF 11:00am-11:50am (KEY 0123)
1201 **(22727)** STAFF
MWF 1:00pm-1:50pm (HBK 0109)

ENGL244 Introduction to Drama; (3) REG/P-F/AUD. CORE: HL
0101 **(22737)** STAFF
TuTh 2:00pm-3:15pm (SQH 1103)
0201 **(22738)** STAFF
TuTh 11:00am-12:15pm (SQH 1117)
0401 **(22739)** STAFF
MWF 11:00am-11:50am (DNC 1147A)

ENGL245 Film and the Narrative Tradition; (3) REG/P-F/AUD. CORE: HA
0101 **(22749)** STAFF
Th 3:30pm-6:00pm (SQH 1120)
Tu 3:30pm-4:45pm (SQH 1103) Dis
0102 **(22750)** STAFF
Th 3:30pm-6:00pm (SQH 1120)
Tu 4:45pm-6:00pm (SQH 1103) Dis

ENGL250 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 255. Credit will be granted for only one of the following: ENGL 250 or WMST 255.*
0101 **(22760)** STAFF
TuTh 9:30am-10:45am (KEY 0121)
0201 **(22761)** STAFF
TuTh 12:30pm-1:45pm (SQH 1117)
0301 **(22762)** STAFF
MWF 11:00am-11:50am (DNC 1139B)
0401 **(22763)** STAFF
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(22764)** STAFF
TuTh 12:30pm-1:45pm (PLS 1119)
0601 **(22765)** STAFF
TuTh 2:00pm-3:15pm (CHM 0115)
0701 **(22766)** STAFF
MWF 10:00am-10:50am (PHY 4220)

ENGL260 Introduction to Folklore; (3) REG/P-F/AUD. CORE: SH
0101 **(22776)** Pearson, B.
MWF 10:00am-10:50am (EGL 1204)

ENGL277 Mythologies: An Introduction; (3) REG/P-F/AUD. CORE: HL
0101 **(22786)** Terchek, M.
TuTh 9:30am-10:45am (SQH 1117)
0201 **(22787)** STAFF
MWF 11:00am-11:50am (EGL 1204)

ENGL278B Special Topics in Literature: Hebrew Bible: Narrative; (3) REG/P-F/AUD.
0101 **(22797)** Berlin, A.
TuTh 12:30pm-1:45pm (SQH 2122)

ENGL280 Introduction to the English Language; (3) REG/P-F/AUD.
0101 **(22817)** Coleman, L.
TuTh 9:30am-10:45am (SKN 1115)

ENGL281 Standard English Grammar, Usage, and Diction; (3) REG/P-F/AUD.
0201 **(22827)** Oliver, G.
TuTh 11:00am-12:15pm (JMZ 2206)

ENGL282 Introduction to Rhetorical Theory; (3) REG/P-F/AUD. CORE: HO
0101 **(22837)** STAFF
MWF 11:00am-11:50am (CSS 2428)

ENGL291 Intermediate Writing; (3) REG/P-F/AUD.
0101 **(22847)** STAFF
MWF 11:00am-11:50am (KEY 0119)
0201 **(22848)** STAFF
MWF 9:00am-9:50am (SQH 1103)

ENGL294 Introduction to Creative Writing; (3) REG/P-F/AUD.
0101 **(22859)** STAFF
TuTh 12:30pm-1:45pm (SQH 1123)
0301 **(22860)** STAFF
MW 2:00pm-3:15pm (SQH 2122)

ENGL294N Introduction to Creative Writing; (3) REG/P-F/AUD. Creative writing taught from an African American perspective.
0101 **(22870)** Russell, V.
TuTh 3:30pm-5:00pm (NCC 0120)

ENGL296 Beginning Fiction Workshop; (3) REG/P-F/AUD.
0101 **(22880)** STAFF
MW 12:00pm-1:15pm (KEY 0119)
0201 **(22881)** STAFF
TuTh 11:00am-12:15pm (ARM 0102)
0301 **(22882)** STAFF
TuTh 2:00pm-3:15pm (SQH 1111)

ENGL297 Beginning Poetry Workshop; (3) REG/P-F/AUD.
0101 **(22892)** STAFF
MW 2:00pm-3:15pm (SQH 1111)
0201 **(22893)** STAFF
TuTh 2:00pm-3:15pm (ASY 3219)
0301 **(22894)** STAFF
MW 11:00am-12:15pm (SQH 1105)

ENGL301 Critical Methods in the Study of Literature; (3) REG/P-F/AUD. *For English and English education majors only.*
0101 **(22904)** Leonardi, S.
TuTh 12:30pm-1:45pm (SQH 1121)
0201 **(22905)** Donawerth, J.
MWF 1:00pm-1:50pm (SQH 1123)
0301 **(22906)** Leonardi, S.
TuTh 2:00pm-3:15pm (SQH 2121)
0401 **(22907)** Keenan, J.
TuTh 9:30am-10:45am (SQH 1111)
0501 **(22908)** Keenan, J.
TuTh 11:00am-12:15pm (SQH 1111)
0601 **(22909)** Hammond, E.
MWF 9:00am-9:50am (JMZ 0202)
0701 **(22910)** Hammond, E.
MWF 10:00am-10:50am (JMZ 0202)

ENGL304 The Major Works of Shakespeare; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Not open to students who have completed ENGL 403 and ENGL 404.*
0101 **(22921)** Barry, J.
MWF 1:00pm-1:50pm (SQH 2117)

ENGL305 Shakespeare and His Contemporaries: An Introduction; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(22931)** Leinwand, T.
TuTh 9:30am-10:45am (SQH 1107)

ENGL310 Medieval and Renaissance British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(22941)** Keenan, J.
TuTh 2:00pm-3:15pm (SQH 1107)
0201 **(22942)** Rutherford, C.
TuTh 9:30am-10:45am (SQH 2117)

ENGL311 Baroque and Augustan British Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(22952)** Olmert, M.
TuTh 9:30am-10:45am (SQH 1101)

ENGL312 Romantic to Modern British Literature; (3) REG/P-F/AUD.
0101 **(22962)** Cate, G.
MWF 11:00am-11:50am (LEF 1221)
0201 **(22963)** Howard, J.
TuTh 12:30pm-1:45pm (SQH 1105)

ENGL313 American Literature; (3) REG/P-F/AUD. *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(22973)** Van Egmond, P.
MWF 10:00am-10:50am (SQH 2117)

ENGL3481 Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY
0101 **(22983)** Ryan, L.
TuTh 9:30am-10:45am (SQH 1121)

ENGL348K Literary Works by Women: Feminist Literature, Theory and Popular Culture; (3) REG/P-F/AUD. DIVERSITY
0101 **(22993)** Kauffman, L.
MW 2:00pm-3:15pm (HBK 0109)

ENGL360 African, Indian and Caribbean Writers; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(23003)** Ray, S.
TuTh 11:00am-12:15pm (SQH 1107)

ENGL362 Caribbean Literature in English; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: two lower-level English courses, at least one in literature; or permission of department.*
0101 **(23013)** Morrison, S.
Tu 4:00pm-6:30pm (SQH 1101)

ENGL373 *(PermReq)* **Senior Honors Project; (3)** REG/P-F/AUD. *Prerequisite: ENGL 370. For ENGL majors only.*
0101 **(23023)** Sherman, W.
Th 3:30pm-6:00pm (SQH 2117)

ENGL379A Special Topics in Literature: Asian American Literature; (3) REG/P-F/AUD.
0101 **(23033)** Chuh, K.
MW 2:00pm-3:15pm (SQH 1101)

ENGL379B Special Topics in Literature: Literature and Religion; (3) REG/P-F/AUD.
0101 **(23043)** Handelman, S.
MWF 11:00am-11:50am (SQH 1101)

ENGL379D Special Topics in Literature: Reading the Details of Renaissance Texts; (3) REG/P-F/AUD.
0101 **(23053)** Norbrook, D.
MWF 2:00pm-2:50pm (SQH 2122)

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; (3) REG. Prerequisite: two literature courses.
0101 **(23063)** Miller, J.
Tu 6:30pm-10:00pm (SQH 1120)

ENGL379G Special Topics in Literature: An American Comedy of Manners: Films of Woody Allen; (3) REG.
0101 **(23073)** Miller, J.
W 6:30pm-10:00pm (SQH 1120)

ENGL379H Special Topics in Literature: American Film Noir: A Style and an Attitude; (3) REG/P-F/AUD.
0101 **(23083)** Miller, J.
Th 6:30pm-10:00pm (SQH 1120)

ENGL379L Special Topics in Literature: Digital Narrative; (3) REG/P-F/AUD.
0101 **(23103)** Lifton, M.
Th 3:30pm-6:00pm (CSS 1410)

ENGL379P Special Topics in Literature: Faith and Doubt; (3) REG/P-F/AUD.
0101 **(23113)** Peterson, W.
MWF 11:00am-11:50am (SQH 1121)

ENGL379R Special Topics in Literature: Continental Renaissance & English Literature; (3) REG/P-F/AUD.
0101 **(23123)** Coogan, R.
TuTh 9:30am-10:45am (SQH 1119)

ENGL379S Special Topics in Literature: Baseball as Cultural Icon; (3) REG/P-F/AUD.
0101 **(23133)** Isaacs, N.
TuTh 2:00pm-3:15pm (SQH 1120)

ENGL380 *(PermReq)* **Internship; (3-6)** REG. *Prerequisite: permission of department.*
0101 **(23163)** Terchek, M.
Time and room to be arranged
0201 **(23164)** Terchek, M.
Time and room to be arranged
0301 **(23165)** STAFF
Time and room to be arranged

ENGL381 *(PermReq)* **MGA Legislative Seminar; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(23175)** Terchek, M.
W 3:30pm-6:00pm (KEY 0126)

ENGL383 The Uses of Language; (3) REG/P-F/AUD.
0101 **(23185)** Hornyak, J.
MWF 10:00am-10:50am (PLS 1119)

ENGL391 Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0001 **(23195)** STAFF
MWF 8:00am-8:50am (SQH 1111)
0103 **(23196)** STAFF
MWF 9:00am-9:50am (SQH 1123)
0104 **(23197)** STAFF
MWF 9:00am-9:50am (SQH 2119)

0201 **(23198)** STAFF
MWF 10:00am-10:50am (TWS 0135)
0202 **(23199)** STAFF
MWF 10:00am-10:50am (WDS 0104)
0301 **(23200)** STAFF
MWF 11:00am-11:50am (WDS 1131)
0302 **(23201)** STAFF
MWF 11:00am-11:50am (SQH 1123)
0401 **(23202)** STAFF
MWF 12:00pm-12:50pm (SQH 1103)
0403 **(23203)** STAFF
MWF 12:00pm-12:50pm (SQH 1111)
0501 **(23204)** STAFF
MWF 1:00pm-1:50pm (ASY 3203)
0502 **(23205)** STAFF
MWF 1:00pm-1:50pm (SQH 1111)
0601 **(23206)** STAFF
MWF 2:00pm-2:50pm (SQH 2119)
1002 **(23207)** STAFF
TuTh 8:00am-9:15am (SQH 2119)
1103 **(23208)** STAFF
TuTh 9:30am-10:45am (HBK 1108)
1201 **(23209)** STAFF
TuTh 11:00am-12:15pm (SQH 2121)
1202 **(23210)** STAFF
TuTh 11:00am-12:15pm (KEY 0119)
1204 **(23211)** STAFF
TuTh 11:00am-12:15pm (ARM 0121)
1301 **(23212)** STAFF
TuTh 12:30pm-1:45pm (KEY 0123)
1302 **(23213)** STAFF
TuTh 12:30pm-1:45pm (TWS 2228)
1401 **(23214)** STAFF
TuTh 2:00pm-3:15pm (KEY 0117)
1604 **(23215)** STAFF
W 6:00pm-8:40pm (SQH 1107)

ENGL391X Advanced Composition; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have scored below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 391X. This course satisfies the junior English requirement.
0201 **(23225)** STAFF
TuTh 11:00am-12:15pm (COL 3114)

ENGL392 Advanced Composition: Pre-Law; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(23235)** STAFF
MWF 11:00am-11:50am (WDS 1130)
0201 **(23236)** STAFF
MWF 1:00pm-1:50pm (HBK 0115)
0301 **(23237)** STAFF
TuTh 12:30pm-1:45pm (COL 3112)
0501 **(23238)** STAFF
TuTh 9:30am-10:45am (ARM 0101)
0601 **(23239)** STAFF
W 7:00pm-9:30pm (SQH 1111)
0701 **(23240)** STAFF
MWF 10:00am-10:50am (KEY 0120)

ENGL393 Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0002 **(23250)** STAFF
MWF 8:00am-8:50am (SQH 1123)
0101 **(23251)** STAFF
MWF 9:00am-9:50am (SQH 2120)
0103 **(23252)** STAFF
MWF 9:00am-9:50am (SQH 2122)
0201 **(23253)** STAFF
MWF 10:00am-10:50am (BPS 2283)
0202 **(23254)** STAFF
MWF 10:00am-10:50am (CHE 2120)
0301 **(23255)** STAFF
MWF 11:00am-11:50am (KEY 0120)
0302 **(23256)** STAFF
MWF 11:00am-11:50am (EGR 1102)
0303 **(23257)** STAFF
MWF 11:00am-11:50am (KEY 0117)
0401 **(23258)** STAFF
MWF 12:00pm-12:50pm (SQH 2121)
0402 **(23259)** STAFF
MWF 12:00pm-12:50pm (SQH 1117)
0403 **(23260)** STAFF
MWF 12:00pm-12:50pm (SQH 2119)
0501 **(23261)** STAFF
MWF 1:00pm-1:50pm (SQH 2121)
0502 **(23262)** STAFF
MWF 1:00pm-1:50pm (DNC 1139B)
0601 **(23263)** STAFF
MWF 2:00pm-2:50pm (DNC 1143)
1101 **(23264)** STAFF
TuTh 9:30am-10:45am (HBK 0125)
1102 **(23265)** STAFF
TuTh 9:30am-10:45am (WDS 1131)
1103 **(23266)** STAFF
TuTh 9:30am-10:45am (ARC 1123)
1104 **(23267)** STAFF
TuTh 9:30am-10:45am (PHY 1221)
1201 **(23268)** STAFF
TuTh 11:00am-12:15pm (ARM 0101)
1203 **(23269)** STAFF
TuTh 11:00am-12:15pm (HBK 0125)
1204 **(23270)** STAFF
TuTh 11:00am-12:15pm (SQH 2119)
1301 **(23271)** STAFF
TuTh 12:30pm-1:45pm (ARM 0105)
1302 **(23272)** STAFF
TuTh 12:30pm-1:45pm (KEY 0121)
1303 **(23273)** STAFF
TuTh 12:30pm-1:45pm (HBK 0115)
1304 **(23274)** STAFF
TuTh 12:30pm-1:45pm (KEY 0120)
1401 **(23275)** STAFF
TuTh 2:00pm-3:15pm (ARM 0120)
1402 **(23276)** STAFF
TuTh 2:00pm-3:15pm (KEY 0123)
1403 **(23277)** STAFF
TuTh 2:00pm-3:15pm (SYM 2109)
1602 **(23278)** STAFF
M 6:00pm-8:40pm (SQH 2117)
1603 **(23279)** STAFF
M 6:00pm-8:40pm (SQH 1103)
1604 **(23280)** STAFF
Tu 6:00pm-8:40pm (SQH 2120)
1605 **(23281)** STAFF
Tu 6:00pm-8:40pm (SQH 2121)
1607 **(23282)** STAFF
W 6:00pm-8:40pm (SQH 1103)
1608 **(23283)** STAFF
Th 6:00pm-8:40pm (SQH 1103)

ENGL393X Technical Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* Limited to students for whom English is a second language and who have a score below any of the following: SAT Verbal 400, TOEFL 575, CELT 250. Students who have received an "A" in ENGL 101 or its equivalent cannot register for ENGL 393X. This course satisfies the junior English requirement.
0101 **(23293)** STAFF
MWF 11:00am-11:50am (SQH 2119)
0201 **(23294)** STAFF
MWF 1:00pm-1:50pm (KEY 0120)
0301 **(23295)** STAFF
TuTh 8:00am-9:15am (HBK 1108)
0302 **(23296)** STAFF
TuTh 9:30am-10:45am (ARM 0102)
0401 **(23297)** STAFF
TuTh 11:00am-12:15pm (JMZ 1104)
0501 **(23298)** STAFF
TuTh 12:30pm-1:45pm (KEY 0124)
0601 **(23299)** STAFF
MWF 12:00pm-12:50pm (KEY 0123)
0701 **(23300)** STAFF
TuTh 9:30am-10:45am (BPS 1232)

ENGL394 Business Writing; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(23310)** STAFF
MWF 9:00am-9:50am (SQH 2121)
0201 **(23311)** STAFF
MWF 10:00am-10:50am (SQH 2119)
0301 **(23312)** STAFF
MWF 11:00am-11:50am (SQH 1111)
0302 **(23313)** STAFF
MWF 11:00am-11:50am (KEY 0124)
0401 **(23314)** STAFF
MWF 12:00pm-12:50pm (SQH 2122)
0402 **(23315)** STAFF
MWF 12:00pm-12:50pm (SQH 1107)
0501 **(23316)** STAFF
MWF 1:00pm-1:50pm (SQH 1101)
0601 **(23317)** STAFF
MWF 2:00pm-2:50pm (SQH 1103)
0602 **(23318)** STAFF
TuTh 8:00am-9:15am (SQH 1103)
0701 **(23319)** STAFF
TuTh 9:30am-10:45am (DNC 1139B)
0702 **(23320)** STAFF
TuTh 9:30am-10:45am (SQH 2119)
0801 **(23321)** STAFF
TuTh 11:00am-12:15pm (ARC 1125)
0802 **(23322)** STAFF
TuTh 11:00am-12:15pm (DNC 1139B)
0803 **(23323)** STAFF
TuTh 11:00am-12:15pm (ARM 0118)
0901 **(23324)** STAFF
TuTh 12:30pm-1:45pm (SQH 2119)
0902 **(23325)** STAFF
TuTh 12:30pm-1:45pm (TWS 0135)
0903 **(23326)** STAFF
TuTh 12:30pm-1:45pm (TWS 2212)
0904 **(23327)** STAFF
TuTh 12:30pm-1:45pm (KEY 0119)
1001 **(23328)** STAFF
TuTh 2:00pm-3:15pm (SQH 2119)
1201 **(23329)** STAFF
Tu 6:00pm-8:45pm (SQH 1103)
1301 **(23330)** STAFF
W 6:00pm-8:45pm (SQH 1101)

ENGL395 Writing for Health Professions; (3) REG. *Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent.* This course satisfies the junior English requirement.
0101 **(23340)** STAFF
TuTh 12:30pm-1:45pm (EGR 0108)
0102 **(23341)** STAFF
MWF 11:00am-11:50am (SQH 2121)
0201 **(23342)** STAFF
MWF 1:00pm-1:50pm (SQH 2119)
0301 **(23343)** STAFF
TuTh 11:00am-12:15pm (DNC 1147A)
0401 **(23344)** STAFF
MWF 9:00am-9:50am (WDS 1127)
0501 **(23345)** STAFF
MWF 10:00am-10:50am (WDS 1127)

ENGL396 *(PermReq)* **Intermediate Fiction Workshop; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(23355)** McKnight, R.
TuTh 11:00am-12:15pm (SQH 2122)

ENGL397 *(PermReq)* **Intermediate Poetry Workshop; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(23365)** Berger, D.
TuTh 2:00pm-3:15pm (SQH 2123)

ENGL399 Senior Seminar: Senior Seminar; (3) REG/P-F/AUD.
0101 **(23375)** Carretta, V.
MW 9:30am-10:45am (SQH 4116)
0201 **(23376)** Grossman, M.
MW 11:00am-12:15pm (SQH 3105)
0301 **(23377)** Handelman, S.
MW 1:00pm-2:15pm (SQH 3109)
0401 **(23378)** Kauffman, L.
MW 11:00am-12:15pm (SQH 4116)
0501 **(23379)** Kleine, D.
TuTh 12:30pm-1:45pm (SQH 3109)
0601 **(23380)** Leonardi, S.
TuTh 9:30am-10:45am (SQH 3109)

ENGL399X *(PermReq)* **Senior Seminar: Women in Shakespeare & Milton; (3)** REG. For English honors students.
0101 **(23390)** Hamilton, G.
MW 11:00am-12:15pm (SQH 3109)

ENGL399Y *(PermReq)* **Senior Seminar: Victorian Debasement; (3)** REG. For English honors students.
0101 **(23400)** Cohen, W.
MW 2:00pm-3:15pm (SQH 3105)

ENGL399Z Senior Seminar: The Color Line and the American 1850s; (3) REG/P-F/AUD.
0101 **(23410)** Levine, R.
MW 3:00pm-4:15pm (SQH 4116)

ENGL402 Chaucer; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23420)** Moser, T.
MWF 9:00am-9:50am (SQH 2117)

ENGL403 Shakespeare: The Early Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23430)** Barry, J.
MWF 10:00am-10:50am (SQH 1105)

ENGL404 Shakespeare: The Later Works; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23440)** Leinwand, T.
TuTh 11:00am-12:15pm (ARM 0119)

ENGL407 Non-dramatic Literature of the Sixteenth Century; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23450)** Cartwright, K.
TuTh 12:30pm-1:45pm (SQH 1103)

ENGL408 Literature by Women Before 1800: Women and Politics; (3) REG/P-F/AUD.
0101 **(23460)** Achinstein, S.
MWF 1:00pm-1:50pm (SQH 1105)

ENGL412 Literature of the Seventeenth Century, 1600-1660; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23470)** Hamilton, G.
MWF 10:00am-10:50am (SQH 1101)

ENGL415 Literature of the Seventeenth Century, 1660-1700; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23480)** Olmert, M.
TuTh 11:00am-12:15pm (SQH 1119)

ENGL420 Literature of the Romantic Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature of permission of department.*
0101 **(23490)** Wang, O.
TuTh 12:30pm-1:45pm (ASY 3219)

ENGL422 Literature of the Victorian Period I; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23500)** Peterson, W.
MWF 10:00am-10:50am (SQH 1103)

ENGL423 Literature of the Victorian Period II; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23510)** Cate, G.
MWF 1:00pm-1:50pm (SQH 1117)

ENGL425 Modern British Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23520)** Cross, R.
TuTh 12:30pm-1:45pm (SQH 1119)

ENGL429 *(PermReq)* **Independent Research in English; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL431 American Literature: 1810 to 1865, the American Renaissance; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23606)** Bauer, R.
MWF 1:00pm-1:50pm (SQH 1119)

ENGL432 American Literature: 1865 to 1914, Realism and Naturalism; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23616)** Barks, C.
MWF 10:00am-10:50am (SQH 1107)

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23626)** Van Egmond, P.
MWF 11:00am-11:50am (SQH 1107)

ENGL434 American Drama; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23636)** Barks, C.
MWF 11:00am-11:50am (SQH 1119)

ENGL437 Contemporary American Literature; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23646)** Wyatt, D.
TuTh 11:00am-12:15pm (SQH 2117)

ENGL439A Major American Writers after 1865: Flannery O'Connor, Bernard Malamud and Mary Oliver:Embodying the Sacred in Fiction and Poetry; (3) REG/P-F/AUD.
0101 **(23656)** Kornblatt, J.
TuTh 12:30pm-1:45pm (SQH 2120)

ENGL440 The Novel in America to 1914; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23666)** Auchard, J.
TuTh 12:30pm-1:45pm (SQH 1107)

ENGL446 Post-Modern British and American Poetry; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23686)** Loizeaux, E.
TuTh 11:00am-12:15pm (SQH 2120)

ENGL449 *(PermReq)* **Playwriting: Screenwriting I; (3)** REG/P-F/AUD.
0101 **(23696)** Lifton, M.
Tu 3:30pm-6:30pm (SQH 2119)

ENGL453 Literary Criticism; (3) REG/P-F/AUD. *Prerequisite: two literature courses.*
0101 **(23706)** Wang, O.
TuTh 11:00am-12:15pm (SQH 1121)

ENGL457 The Modern Novel; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23716)** Kleine, D.
TuTh 2:00pm-3:15pm (SQH 2120)

ENGL462 Folksong and Ballad; (3) REG/P-F/AUD.
0101 **(23736)** Pearson, B.
MWF 11:00am-11:50am (SQH 2117)

ENGL466 Arthurian Legend; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23746)** Flieger, V.
TuTh 12:30pm-1:45pm (SQH 1120)

ENGL467 The Computer and the Text: Hypermedia as Critical Express; (3) REG/P-F/AUD.
0101 **(23756)** Kolker, R.
TuTh 2:00pm-3:15pm (EGR 3140)

ENGL470 African-American Literature: The Beginning to 1910; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23766)** Peterson, C.
TuTh 12:30pm-1:45pm (DNC 1139B)

ENGL471 African-American Literature: 1910-1945; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23776)** STAFF
MWF 2:00pm-2:50pm (HJP 2242)

ENGL472 African-American Literature: 1945 to Present; (3) REG/P-F/AUD. *Prerequisite: two English courses in literature or permission of department.*
0101 **(23786)** Washington, M.
TuTh 2:00pm-3:15pm (JMZ 0105)

ENGL479F Selected Topics in English and American Literature after 1800: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(23796)** Fuegi, J.
Tu 1:00pm-4:00pm (HBK 0109)

ENGL487 Foundations of Rhetoric; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ENGL 487 or SPCH 401.*
0101 **(23806)** Fahnestock, J.
MW 2:00pm-3:15pm (SQH 2117)

ENGL488D Topics in Advanced Writing: Rhetoric of Intimidation; (3) REG/P-F/AUD.
0101 **(23816)** Hendrickson, A.
TuTh 9:30am-10:45am (SQH 2122)

ENGL488G Topics in Advanced Writing: Rhetorical Analysis: Pro & Anti-gay Rhetoric; (3) REG/P-F/AUD.
0101 **(23826)** Marcuse, M.
TuTh 2:00pm-3:15pm (SQH 1105)

ENGL494 Editing and Document Design; (3) REG. *Prerequisite: ENGL 391, ENGL 393 or equivalent.*
0101 **(23836)** Hendrickson, A.
TuTh 11:00am-12:15pm (SQH 1123)

ENGL498 *(PermReq)* **Advanced Fiction Workshop; (3)** REG/P-F/AUD.
0101 **(23846)** McKnight, R.
Tu 2:00pm-4:30pm (SQH 3109)
0201 **(23847)** Kornblatt, J.
Tu 2:00pm-4:30pm (SQH 1119)

ENGL499 *(PermReq)* **Advanced Poetry Workshop; (3)** REG/P-F/AUD.
0101 **(23857)** Levin, P.
Tu 2:00pm-4:30pm (SQH 1123)

ENGL601 Literary Research and Critical Contexts; (3) REG/AUD.
0101 **(23867)** Sherman, W.
Tu 6:30pm-9:00pm (SQH 2122)
0201 **(23868)** Marcuse, M.
Th 6:30pm-9:00pm (SQH 4116)

ENGL602 Critical Theory and Literary Criticism; (3) REG/AUD.
0101 **(23878)** Grossman, M.
W 3:30pm-6:00pm (SQH 2119)

ENGL611 Approaches to College Composition; (3) REG/AUD. *Required for graduate assistants (optional to other graduate students).*
0101 **(23888)** Donawerth, J.
M 6:30pm-9:00pm (SQH 1111)

ENGL620 Readings in Medieval English Literature; (3) REG/AUD.
0101 **(23898)** Coletti, T.
M 3:30pm-6:00pm (SQH 3105)

ENGL621 Readings in Renaissance English Literature; (3) REG/AUD.
0101 **(23908)** Norbrook, D.
W 6:30pm-9:00pm (SQH 2122)

ENGL628 Readings in African American Literature; (3) REG/AUD.
0101 **(23918)** Washington, M.
Tu 6:30pm-9:00pm (SQH 2119)

ENGL631 Readings in 20th Century American Literature; (3) REG/AUD.
0101 **(23928)** Wyatt, D.
Tu 3:30pm-6:00pm (SQH 2122)

ENGL688 *(PermReq)* **Poetry Workshop; (3)** REG/AUD.
0101 **(23938)** Collier, M.
W 4:00pm-6:30pm (SQH 3109)
0201 **(23939)** Levin, P.
W 4:00pm-6:30pm (SQH 2120)

ENGL689 *(PermReq)* **Fiction Workshop; (3)** REG/AUD.
0101 **(23949)** Collins, M.
W 4:00pm-6:30pm (SQH 2117)
0201 **(23950)** Norman, H.
W 4:00pm-6:30pm (SQH 1111)

ENGL699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENGL709A Seminar in Myth: Myths: Theme and Theory; (3) REG/AUD.
0101 **(24032)** Flieger, V.
Tu 3:30pm-6:00pm (SQH 4116)

ENGL719A Seminar in Renaissance Literature: Shakespeare and Religion; (3) REG/AUD.
0101 **(24042)** Hamilton, D.
M 6:30pm-9:00pm (SQH 1101)

ENGL728 *(PermReq)* **Seminar in Seventeenth-Century Literature: Milton; (3)** REG/AUD.
0101 **(24052)** Achinstein, S.
W 3:30pm-6:00pm (SQH 1123)

ENGL729 *(PermReq)* **Seminar in Eighteenth-Century Literature: The Black Eighteenth Century; (3)** REG/AUD.
0101 **(24062)** Carretta, V.
M 3:30pm-6:00pm (SQH 2117)

ENGL738A *(PermReq)* **Seminar in Nineteenth-Century Literature: Film and Video Across the Curriculum; (3)** REG/AUD.
0101 **(24072)** Fuegi, J.
M 6:30pm-9:00pm (SQH 2123)

ENGL739A Seminar in Nineteenth-Century Literature: Dirt; (3) REG/AUD.
0101 **(24082)** Cohen, W.
W 6:30pm-9:00pm (SQH 2120)

ENGL748A *(PermReq)* **Seminar in American Literature: Henry James With Recent Developments; (3)** REG/AUD.
0101 **(24092)** Auchard, J.
Th 3:30pm-6:00pm (SQH 3105)

ENGL748B *(PermReq)* **Seminar in American Literature: Prospero's Progeny: Magic, Science, and the "Literature(s)" of the Early Americas; (3)** REG/AUD.
0101 **(24102)** Bauer, R.
M 6:30pm-9:00pm (SQH 3105)

ENGL748C Seminar in American Literature: title forthcoming; (3) REG/AUD.
0101 **(24112)** STAFF
W 6:30pm-9:00pm (SQH 2121)

ENGL749A *(PermReq)* **Studies in Twentieth-Century Literature: Elizabeth Bishop, Robert Lowell, and Randall Jarrell; (3)** REG/AUD.
0101 **(24122)** Cross, R.
Tu 3:30pm-6:00pm (SQH 3105)

ENGL758A *(PermReq)* **Literary Criticism and Theory: Critical Race Studies; (3)** REG/AUD.
0101 **(24132)** Chuh, K.
M 3:30pm-6:00pm (SQH 1103)

ENGL758B Literary Criticism and Theory: Digital Theory and Culture; (3) REG/AUD.
0101 **(24142)** Fraistat, N.
Th 3:30pm-6:00pm (SQH 2120)

ENGL759A Seminar in Literature and the Other Arts: Text and Pre-text: Caribbean Literature in Multi-cultural Perspective; (3) REG/AUD.
0101 **(53407)** Collins, M.
Th 3:30pm-6:00pm (SQH 2119)

ENGL759B Seminar in Literature and the Other Arts: Transgressions and Taboo; (3) REG/AUD.
0101 **(24162)** Kauffman, L.
M 3:30pm-6:00pm (SQH 1111)

ENGL775 Seminar in Composition Theory; (3) REG/AUD.
0101 **(24172)** Fahnestock, J.
W 3:30pm-6:00pm (SQH 3105)

ENGL779 Seminar in Language Study: Rhetoric and Reformation: Erasmus and Thomas More; (3) REG/AUD.
0101 **(24182)** Coogan, R.
Tu 6:30pm-9:00pm (SQH 3109)

ENGL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENGL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA Engineering, Materials *(Engineering)*

ENMA181 Introduction to Materials; (1) REG.
0101 **(24387)** Wilson, O.
Th 3:30pm-4:45pm (CHE 2136)

ENMA310 *(PermReq)* **Materials Laboratory I: Structural Characterization; (3)** REG/P-F/AUD. *Prerequisite: ENES 230. Corequisite: ENMA 460. Junior standing.*
0101 **(24397)** Martinez-Miranda, L.
Tu 12:20pm-1:35pm (CHE 2145)
TuTh 9:00am-11:45am (Arranged) Lab

ENMA362 *(PermReq)* **Mechanical Properties; (3)** REG/AUD. *Prerequisite: ENES 230. Junior standing or permission of department.*
0101 **(24407)** Ankem, S.
TuTh 3:30pm-4:40pm (CHE 2140)
F 2:00pm-4:00pm (CHE 2140) Lab

ENMA460 Physics of Solid Materials; (3) REG/P-F/AUD. *Prerequisites: MATH 241 and PHYS 263. Junior standing.*
0101 **(24417)** Ramesh, R.
MW 5:00pm-6:15pm (EGR 3102)

ENMA461 Thermodynamics of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 **(24427)** Roytburd, A.
TuTh 5:00pm-6:15pm (CHE 2136)

ENMA463 Macroprocessing of Materials; (3) REG/P-F/AUD. *Prerequisite: ENES 230. Junior standing.*
0101 **(24437)** Lloyd, I.
MW 3:30pm-4:45pm (JMP 1109)

ENMA464 *(PermReq)* **Environmental Effects on Engineering Materials; (3)** REG/P-F/AUD. *Prerequisite: ENES 230 or permission of both department and instructor.*
0101 **(24447)** Natishan, P.
TuTh 5:00pm-6:15pm (CHE 2120)

ENMA470 *(PermReq)* **Structure and Properties of Engineering Materials; (3)** REG/P-F/AUD.
0101 **(24457)** Martinez-Miranda, L.
TuTh 3:30pm-4:45pm (CHE 2120)
F 3:30pm-4:45pm (CHE 2120)

ENMA471 *(PermReq)* **Kinetics, Diffusion and Phase Transformations; (3)** REG/P-F/AUD. *Pre- or corequisite: ENMA 461. Junior standing or permission of department.*
0101 **(24467)** Yeh, K.
MW 2:00pm-3:15pm (CHE 2118)

ENMA481 *(PermReq)* **Introduction to Electronic and Optical Materials; (3)** REG/P-F/AUD. *Prerequisite: ENES 230 or equivalent.*
0101 **(24477)** Kidder, J.
TuTh 3:30pm-4:45pm (CHE 2116)

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA489E Selected Topics in Engineering Materials: Radiation Engineering; (3) REG/P-F/AUD.
0101 **(24488)** Al-Sheikhly, M.
TuTh 1:00pm-2:15pm (CHE 2136)

ENMA489R Selected Topics in Engineering Materials: Manufacturing with Polymers; (3) REG/P-F/AUD.
0101 **(24498)** Briber, R.
TuTh 11:00am-12:15pm (CHE 2118)

ENMA490 *(PermReq)* **Materials Design; (3)** REG/P-F/AUD. *Senior standing.*
0101 **(24508)** Wilson, O.
TuTh 11:00am-2:00pm (Arranged)

ENMA495 Polymeric Engineering Materials I; (3) REG/P-F/AUD. *Prerequisite: ENES 230.*
0101 **(24518)** Kofinas, P.
TuTh 9:30am-10:45am (CHE 2140)

ENMA499 *(PermReq)* **Senior Laboratory Project; (1-3)** REG/P-F/AUD.
0101 **(24528)** Wilson, O.
Time and room to be arranged

ENMA650 *(PermReq)* **Structure of Engineering Materials; (3)** REG/AUD. *Prerequisite: ENMA 470 or equivalent.*
0101 **(24538)** Christou, A.
MW 5:00pm-6:15pm (CHE 2140)

ENMA661 Kinetics of Reactions in Materials; (3) REG/AUD. *Prerequisite: ENMA 660.*
0101 **(24548)** Briber, R.
TuTh 5:00pm-6:15pm (CHE 2118)

ENMA672 Mechanical Properties of Engineering Materials; (3) REG/AUD. *Prerequisite: ENMA 671.*
0101 **(24558)** Arsenault, R.
MW 3:30pm-4:45pm (CHE 2120)

ENMA680 Experimental Methods in Materials Science; (3) REG/AUD. *Prerequisite: ENMA 650.*
0101 **(24568)** Salamanca-Riba, L.
TuTh 12:30pm-1:35pm (CHE 2118)

ENMA697 Seminar in Materials Science and Engineering; (1) REG/AUD.
0101 **(24578)** Christou, A.
F 1:00pm-2:30pm (CHE 2145)

ENMA698 *(PermReq)* **Special Problems in Materials Science and Engineering; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENMA698L Special Problems in Materials Science and Engineering: Structural Determination Laboratory; (1) REG.
0101 **(24609)** Salamanca-Riba, L.
Th 9:30am-11:30am (CHE 1116) Lab
0201 **(24610)** Salamanca-Riba, L.
F 2:00pm-4:00pm (CHE 1116) Lab

ENMA698M Special Problems in Materials Science and Engineering: Mathematical Methods; (3) REG/AUD.
0101 **(24625)** Mosleh, A.
Th 2:00pm-4:40pm (CHE 2118)
0201 **(24626)** Mosleh, A.
F 2:00pm-4:40pm (EGR 0108)

ENMA698W *(PermReq)* **Special Problems in Materials Science and Engineering; (3)** REG/AUD.
0101 **(24649)** Wuttig, M.
Time and room to be arranged

ENMA698X Special Problems in Materials Science and Engineering: Theory of Smart Materials; (3) REG/AUD.
0101 **(24659)** Roytburd, A.
MW 10:00am-11:15am (CHE 2116)

ENMA799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENMA899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME Engineering, Mechanical *(Engineering)*

ENME232 *(PermReq)* **Thermodynamics; (3)** REG/P-F/AUD. *Prerequisite: PHYS 262.*
0101 **(24759)** STAFF
MW 10:00am-10:50am (CHE 2110)
M 1:00pm-2:50pm (EGR 3106) Dis
0102 **(24760)** STAFF
MW 10:00am-10:50am (CHE 2110)
W 1:00pm-2:50pm (EGR 3106) Dis
0103 **(24761)** STAFF
MW 10:00am-10:50am (CHE 2110)
F 1:00pm-2:50pm (EGR 3106) Dis

ENME252 *(PermReq)* **Electronics and Instrumentation I; (3)** REG/P-F/AUD. *Corequisite: PHYS 263.*
0101 **(24771)** STAFF
MW 8:00am-8:50am (EGR 1202)
M 1:00pm-2:50pm (EGL 1204) Lab
0102 **(24772)** STAFF
MW 8:00am-8:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 3105) Lab
0103 **(24773)** STAFF
MW 8:00am-8:50am (EGR 1202)
W 1:00pm-2:50pm (EGL 1204) Lab
0104 **(24774)** STAFF
MW 8:00am-8:50am (EGR 1202)
Th 1:00pm-2:50pm (EGL 1204) Lab
0105 **(24775)** STAFF
MW 8:00am-8:50am (EGR 1202)
F 1:00pm-2:50pm (EGL 1204) Lab

ENME320 Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: MATH 141; and PHYS 262.*
0101 **(24785)** STAFF
MWF 9:00am-9:50am (EGR 3106)
0201 **(24786)** STAFF
MWF 10:00am-10:50am (EGR 1104)

ENME331 *(PermReq)* **Fluid Mechanics; (3)** REG/P-F/AUD. *Prerequisites: ENME 232 and ENES 221.*
0101 **(24796)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGL 1204) Lab
0102 **(24797)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
W 1:00pm-2:50pm (EGR 0135) Lab
0103 **(24798)** STAFF
TuTh 9:00am-9:50am (EGR 1202)
Th 1:00pm-2:50pm (EGR 1110) Lab

ENME332 *(PermReq)* **Transfer Processes; (3)** REG/P-F/AUD. *Prerequisite: ENME 331.*
0101 **(24808)** STAFF
MW 10:00am-10:50am (CHM 0115)
Tu 1:00pm-2:50pm (ARM 0110) Dis
0102 **(24809)** STAFF
MW 10:00am-10:50am (CHM 0115)
W 1:00pm-2:50pm (JMP 1109) Dis
0103 **(24810)** STAFF
MW 10:00am-10:50am (CHM 0115)
Th 1:00pm-2:50pm (PHY 1402) Dis

ENME351 *(PermReq)* **Electronics and Instrumentation II; (3)** REG/P-F/AUD. *Prerequisites: ENME 252 and PHYS 263.*
0101 **(24820)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
M 1:00pm-2:50pm (EGL 1202) Lab
0102 **(24821)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Tu 1:00pm-2:50pm (EGL 1202) Lab
0103 **(24822)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
W 1:00pm-2:50pm (EGL 1202) Lab
0104 **(24823)** STAFF
TuTh 11:00am-11:50am (CHE 2110)
Th 1:00pm-2:50pm (EGL 1202) Lab

ENME361 *(PermReq)* **Vibration, Controls and Optimization I; (3)** REG/P-F/AUD. *Prerequisites: ENES 221 and ENES 220 and MATH 246.*
0101 **(24833)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
M 1:00pm-2:50pm (EGR 3108) Lab
0102 **(24834)** STAFF
TuTh 10:00am-10:50am (EGR 1202)
Tu 1:00pm-2:50pm (EGR 3108) Lab

ENME362 *(PermReq)* **Vibrations, Controls and Optimization II; (3)** REG/P-F/AUD. *Prerequisites: ENME 351 and ENME 361.*
0101 **(24844)** STAFF
MW 12:00pm-12:50pm (EGR 1202)
W 1:00pm-2:50pm (CHE 2120) Dis
0102 **(24845)** STAFF
MW 12:00pm-12:50pm (EGR 1202)
Th 1:00pm-2:50pm (CHM 0128) Dis

ENME371 *(PermReq)* **Product Engineering and Manufacturing; (3)** REG/P-F/AUD. *Prerequisite: ENES 221.*
0101 **(24855)** STAFF
MW 11:00am-11:50am (JMP 2202)
F 9:00am-10:50am (JMP 2202) Dis
0201 **(24856)** STAFF
MW 11:00am-11:50am (JMP 3105)
F 11:00am-12:50pm (JMP 3105) Dis

ENME382 *(PermReq)* **Engineering Materials and Manufacturing Processes; (3)** REG/P-F/AUD. *Prerequisite: ENES 220.*
0101 **(24866)** STAFF
MW 9:00am-9:50am (EGR 1202)
M 2:00pm-3:50pm (SYM 0200) Dis
0201 **(24867)** STAFF
MW 9:00am-9:50am (EGR 1202)
W 2:00pm-3:50pm (SYM 0200) Dis

ENME392 Statistical Methods for Product and Processes Development; (3) REG/P-F/AUD. *Prerequisite: MATH 241.*
0101 **(24877)** STAFF
TuTh 8:00am-9:15am (EAB 0307)

ENME400 *(PermReq)* **Machine Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401.*
0101 **(24887)** STAFF
TuTh 8:00am-9:15am (EGR 3108)

ENME408 *(PermReq)* **Selected Topics in Engineering Design: Automotive Design; (3)** REG/P-F/AUD.
0101 **(24897)** STAFF
M 3:30pm-4:45pm (EGR 1202)
W 3:30pm-4:45pm (EGR 1108)

ENME414 *(PermReq)* **Computer-Aided Design; (3)** REG/P-F/AUD. *Prerequisites: ENME 205; and MATH 241 or equivalent.* Design technical elective.
0101 **(24907)** STAFF
MWF 8:00am-8:50am (EGR 3108)

ENME423 *(PermReq)* **Environmental Engineering; (3)** REG/P-F/AUD. *Prerequisites: ENME 321 and senior standing in mechanical engineering.*
0101 **(24917)** STAFF
MW 3:30pm-4:45pm (EGR 0135)

ENME465 Introductory Fracture Mechanics; (3) REG/P-F/AUD. *Senior standing in engineering.*
0101 **(24927)** STAFF
TuTh 3:30pm-4:45pm (EGR 2154)

ENME471 *(PermReq)* **Integrated Product and Process Development I; (3)** REG/P-F/AUD. *Prerequisite: ENME 371.*
0101 **(24937)** STAFF
MW 1:00pm-1:50pm (EGR 2154)
F 1:00pm-2:50pm (EGR 2154) Lab
0201 **(24938)** STAFF
MW 1:00pm-1:50pm (EGR 1104)
F 1:00pm-2:50pm (EGR 0110) Lab

ENME472 *(PermReq)* **Integrated Product and Process Development II; (3)** REG/P-F/AUD. CORE: CS *Prerequisite: ENME 471.*
0101 **(24948)** Holloway, D.
TuTh 11:00am-11:50am (EGR 2112)
Th 12:00pm-1:50pm (ARM 0110) Lab
0201 **(24949)** Pavlin, V.
TuTh 11:00am-11:50am (EGR 2154)
Th 12:00pm-1:50pm (EGR 2154) Lab

ENME473 *(PermReq)* **Mechanical Design of Electronic Systems; (3)** REG/P-F/AUD. *Prerequisites: ENME 310; and ENME 360; and ENME 321.*
0101 **(24959)** McCluskey, F.
TuTh 9:30am-10:45am (EGR 2154)

ENME488 *(PermReq)* **Special Problems; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors.

ENME489 *(PermReq)* **Special Topics in Mechanical Engineering; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENME489B Special Topics in Mechanical Engineering; (3) REG/P-F/AUD.
0101 **(25073)** STAFF
Time and room to be arranged

ENME489D *(PermReq)* **Special Topics in Mechanical Engineering: Design Optimization; (3)** REG/P-F/AUD.
0101 **(25083)** Azarm, S.
TuTh 2:00pm-3:15pm (EGR 2112)

ENME489F Special Topics in Mechanical Engineering; (3) REG/P-F/AUD.
0101 **(25093)** STAFF
Time and room to be arranged

ENME489K Special Topics in Mechanical Engineering; (3) REG/P-F/AUD.
0101 **(25103)** STAFF
TuTh 5:00pm-6:15pm (EGR 3106)

ENME489P *(PermReq)* **Special Topics in Mechanical Engineering: Human Powered Submarine; (3)** REG.
0101 **(25113)** Erickson-Natishan, M.
Tu 3:30pm-6:30pm (EGR 3102)

ENME489R Special Topics in Mechanical Engineering; (3) REG/P-F/AUD.
0101 **(25123)** STAFF
MW 3:30pm-4:45pm (MTH 0201)

ENME489U Special Topics in Mechanical Engineering; (3) REG/P-F/AUD.
0101 **(25133)** STAFF
TuTh 3:30pm-4:45pm (MTH 0401)

ENME489X *(PermReq)* **Special Topics in Mechanical Engineering: Autonomous Vehicle Design; (3)** REG.
0101 **(25143)** Anand, D.
Time and room to be arranged

ENME605 Advanced Systems Control; (3) REG/AUD. *Prerequisite: ENME 403 or permission of instructor.*
0101 **(25155)** Walsh, G.
MW 2:00pm-3:15pm (EGR 2154)

ENME614 Advanced Production Control Techniques; (3) REG/AUD. *Prerequisite: ENME 411 or permission of instructor.*
0101 **(25165)** Herrmann, J.
MW 3:30pm-4:45pm (EGR 3114)

ENME616 Computer-Aided Manufacturing; (3) REG/AUD. *Prerequisite: ENME 412 or permission of instructor.*
0101 **(25175)** Wang, Y.
TuTh 2:00pm-3:15pm (EGR 3102)

ENME627 Manufacturing with Polymers; (3) REG/AUD. *Prerequisite: ENME 412 or permission of instructor.*
0101 **(25185)** Bigio, D.
TuTh 3:30pm-4:45pm (EGR 2112)

ENME631 Advanced Conduction and Radiation Heat Transfer; (3) REG/AUD. *Prerequisites: {ENME 315; and ENME 321; and ENME 700 or equivalent} or permission of instructor.*
0101 **(25195)** Herold, K.
TuTh 3:30pm-4:45pm (EGL 1202)

ENME633 Advanced Classical Thermodynamics; (3) REG/AUD. *Prerequisites: ENME 315, or equivalent or permission of instructor.*
0101 **(25205)** STAFF
MW 5:00pm-6:15pm (EGR 3108)

ENME640 Fundamentals of Fluid Mechanics; (3) REG/AUD. *Prerequisite: ENME 700 or equivalent or permission of instructor. Formerly ENME 651.*
0101 **(25215)** Duncan, J.
MW 2:00pm-3:15pm (PHY 4208)

ENME647 Multiphase Flow and Heat Transfer; (3) REG/AUD. *Prerequisites: (ENME 321; and ENME 342 or equivalent) or permission of the instructor.*
0101 **(25225)** Herold, K.
MW 3:30pm-4:45pm (JMP 3105)

ENME662 Linear Vibrations; (3) REG/AUD. *Prerequisite: ENME 360 or equivalent or permission of instructor.*
0101 **(25238)** Baz, A.
MW 3:30pm-4:45pm (EGR 0108)

ENME670 Continuum Mechanics; (3) REG/AUD.
0101 **(25248)** Dasgupta, A.
MW 5:00pm-6:15pm (EGR 0110)

ENME788 Seminar: Mechanical Engineering Seminar; (1) REG/AUD.
0101 **(25268)** STAFF
Time and room to be arranged

ENME799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENME808 *(PermReq)* **Advanced Topics in Mechanical Engineering; (3)** REG/AUD.

0101 (25331) STAFF
Time and room to be arranged

ENME808A Advanced Topics in Mechanical Engineering: Materials Characterization; (3) REG/AUD.
0101 (25341) Erickson-Natishan, M.
TuTh 2:00pm-3:15pm (EGR 0108)

ENME808B Advanced Topics in Mechanical Engineering; (2-3) REG/AUD.
0101 (25351) Erickson-Natishan, M.
MW 5:00pm-6:15pm (EGR 1104)

ENME808C Advanced Topics in Mechanical Engineering: Applied Finite Element Methods; (3) REG/AUD.
0101 (25361) Etheridge, J.
TuTh 5:00pm-6:15pm (EGR 3108)

ENME808E Advanced Topics in Mechanical Engineering: Impact of Energy Conversion on the Environment; (2-3) REG/AUD.
0101 (25371) Radermacher, R.
TuTh 5:00pm-6:15pm (EGR 0108)

ENME808S Advanced Topics in Mechanical Engineering: Product and System Cost Analysis; (3) REG/AUD.
0101 (25381) Sandborn, P.
MW 2:00pm-3:15pm (CHE 2116)

ENME808T Advanced Topics in Mechanical Engineering: Thin Film Manufacturing; (3) REG/AUD.
0101 (25391) DeVoe, D.
MW 5:00pm-6:15pm (EGR 0108)

ENME808U Advanced Topics in Mechanical Engineering: Vibration Damping; (2-3) REG/AUD.
0101 (25401) Baz, A.
TuTh 3:30pm-4:45pm (MTH 0304)

ENME899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU Engineering, Nuclear *(Engineering)*

ENNU310 Environmental Aspects of Nuclear Engineering; (3) REG/P-F/AUD. *Prerequisites: {MATH 241 or MATH 246; and PHYS 263} or permission of both department and instructor.*
0101 (25513) Pertmer, G.
TuTh 9:30am-10:45am (CHE 2136)

ENNU441 *(PermReq)* **Nuclear Engineering Laboratory I; (1)** REG/P-F/AUD. *Corequisite: ENNU 450.*
0101 (25523) Gavrilas, M.
Tu 1:00pm-3:00pm (CHE 2140)
Th 1:00pm-5:00pm (CHE 2145) Lab
Th 1:00pm-5:00pm (CHE 2302) Dis

ENNU443 Nuclear Engineering Laboratory III; (1) REG/P-F/AUD. *Prerequisites: ENNU 441 and ENNU 442.*
0101 (25533) Gavrilas, M.
W 1:00pm-4:00pm (Arranged)

ENNU450 Nuclear Reactor Engineering I; (3) REG/P-F/AUD. *Prerequisites: {MATH 246; and PHYS 263} or permission of both department and instructor.* Offered fall only.
0101 (25543) Wolf, L.
TuTh 5:00pm-6:15pm (CHE 2145)

ENNU465 Nuclear Reactor Systems Analysis; (3) REG/P-F/AUD. *Prerequisites: {MATH 246; and PHYS 263; and ENNU 455} or permission of both department and instructor.*
0101 (25553) Pertmer, G.
MW 10:00am-11:15am (MTH B0431)

ENNU468 *(PermReq)* **Research; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU468C *(PermReq)* **Research: Laboratory for Radiation Engineering and Processing; (2-3)** REG/P-F/AUD.
0101 (25576) Al-Sheikhly, M.
Time and room to be arranged

ENNU468E Research: Radiation Engineering; (3) REG/P-F/AUD.
0101 (25586) Al-Sheikhly, M.
TuTh 1:00pm-2:15pm (CHE 2136)

ENNU480 Reactor Core Design; (3) REG/P-F/AUD. *Prerequisite: ENNU 450 or permission of both department and instructor.*
0101 (25596) Gavrilas, M.
TuTh 9:30am-10:45am (MTH B0431)

ENNU489 Special Topics in Nuclear Engineering; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU620 Methods of Engineering Analysis; (3) REG/AUD. *Also offered as ENRE 620.*
0101 (25615) Mosleh, A.
Th 2:00pm-4:40pm (CHE 2118)
0201 (25616) Mosleh, A.
F 2:00pm-4:40pm (EGR 0108)

ENNU648 Special Problems in Nuclear Engineering; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENNU648A Special Problems in Nuclear Engineering: Advanced Class in Thermodynamics; (3) REG/AUD.
0101 (25639) STAFF
MW 5:00pm-6:15pm (EGR 3108)

ENNU648P Special Problems in Nuclear Engineering: Radiation Sciences; (3) REG/AUD.
0101 (25649) Gavrilas, M.
Tu 5:00pm-7:40pm (CHE 2116)

ENNU648R Special Problems in Nuclear Engineering: Thermal Hydraulics and Nuclear Safety; (3) REG/AUD.
0101 (25659) Wolf, L.
M 5:00pm-7:40pm (EGR 3111)

ENNU648Z Special Problems in Nuclear Engineering: Seminar in Materials Reliability and Radiation Effects; (1) REG/AUD.
0101 (25669) Christou, A.
F 1:00pm-2:30pm (CHE 2145)

ENNU799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENNU899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENPM Engineering, Professional Masters *(Engineering)*

ENPM600 Probability and Stochastic Processes for Engineers; (3) REG/AUD. *Prerequisite: undergraduate introduction to discrete and continuous probability.*
0101 (25763) Nandkumar, S.
Tu 7:00pm-9:40pm (Arranged)

ENPM604 Wireless Communication Networks; (3) REG/AUD. *Prerequisites: ENEE 420 and ENEE 426.* Taught at the Shady Grove Center.
0101 (25773) Etemad, K.
W 6:30pm-9:10pm (EGR 2112)

ENPM608 Software Design and Implementation; (3) REG/AUD. Prerequisite: undergraduate software course, C or C++.
0101 (25788) Bender, H.
Th 7:00pm-9:40pm (EGR 2107)

ENPM609 Microprocessor-Based Design; (3) REG/AUD. *Prerequisites: undergraduate logic design, computer architecture, and programming courses.*
0101 (25798) STAFF
M 7:00pm-9:40pm (EGR 0108)

ENPM620 *(PermReq)* **Computer Aided Engineering Analysis; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 (25819) STAFF
M 7:00pm-9:40pm (ITV 1111)

ENPM622 Modern Power Generation; (3) REG/AUD. *Prerequisite: undergraduate thermodynamics and heat transfer.*
0101 (25829) STAFF
W 7:00pm-9:40pm (EGR 3114)

ENPM625 Heating, Ventilation and Air Conditioning of Buildings; (3) REG/AUD. *Prerequisite: ENME 321 or equivalent.*
0101 (25839) Treado, S.
Th 7:00pm-9:40pm (EGR 0108)

ENPM636 Unit Operations of Environmental Engineering; (3) REG/AUD. *Prerequisite: ENCE 315 or permission of department.*
0101 (25849) STAFF
W 7:00pm-9:40pm (EGR 3106)

ENPM641 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department.* Pre-requisite: Permission of Department.
0101 (25865) Austin, M.
Th 6:30pm-9:10pm (ITV 1111)

ENPM643 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisites: ENPM 642 and permission of department.*
0101 (25875) Rubloff, G.
Tu 7:00pm-9:40pm (AVW 2168)

ENPM645 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 (25885) Richardson, L.
M 6:30pm-9:10pm (EGR 3106)

ENPM661 Introduction to the Structure of Materials; (3) REG/AUD.
0101 (25895) Christou, A.
MW 5:00pm-6:15pm (CHE 2140)

ENPM663 Introduction to Kinetics of Reactions in Materials; (3) REG/AUD. *Prerequisite: ENMA 461.*
0101 (25905) Yeh, K.
MW 2:00pm-3:15pm (CHE 2118)

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3)** REG/AUD.
0101 (25915) STAFF
Time and room to be arranged

ENPM808A Advanced Topics in Engineering: Environmental Law for Engineers and Scientists; (3) REG/AUD. Majors only.
0101 (25930) Brown, M.
Tu 7:00pm-9:40pm (ITV 1111)

ENPM808O Advanced Topics in Engineering: Mechanical Vibrations; (1-3) REG/AUD. Taught at Southern Maryland Higher Education Center only.
0101 (25940) Hoffman, P.
Sa 9:00am-11:40am (EGR 0108)

ENPM808P Advanced Topics in Engineering: Behavior of Particles in Natural Waters; (1-3) REG/AUD. Taught at the Heat Center only.
0101 (25950) Kim, M.
Sa 9:00am-11:40am (Arranged)

ENPM808R Advanced Topics in Engineering: Recycling Industrial and Municipal Wastes; (3) REG/AUD.
0101 (25960) Amey, E.
Sa 9:00am-11:40am (EGR 0110)

ENRE Reliability Engineering *(Engineering)*

ENRE489C Special Topics in Reliability Engineering: Applied Reliability Analysis; (3) REG/P-F/AUD.
0101 (26013) Roush, M.
Tu 2:00pm-4:40pm (EGR 2107)

ENRE620 Mathematical Techniques of Reliability Engineering; (3) REG/AUD.
0101 (26038) Mosleh, A.
Th 2:00pm-4:40pm (CHE 2118)
0201 (26039) Mosleh, A.
F 2:00pm-4:40pm (EGR 0108)

ENRE648 Special Problems in Reliability Engineering; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENRE648I Special Problems in Reliability Engineering: Departmental Seminar; (1) REG/AUD.
0101 (26067) Christou, A.
F 1:00pm-2:30pm (CHE 2145)

ENRE648J Special Problems in Reliability Engineering: Software Safety; (1-6) REG/AUD.
0101 (26077) Smidts, C.
Tu 6:30pm-9:10pm (EGR 1104)

ENRE648L Special Problems in Reliability Engineering: Materials Selection and Mechanical Reliability; (3) REG/AUD.
0101 (26090) STAFF
M 6:30pm-9:10pm (ITV 1100)

ENRE648Q Special Problems in Reliability Engineering: Microelectronics Device Reliability; (3) REG/AUD.
0101 (26100) Bernstein, J.
W 6:30pm-9:10pm (CHM 0115)

ENRE648S Special Problems in Reliability Engineering: Principles of Reliability Analysis; (3) REG/AUD.
0101 (26114) Modarres, M.
F 5:00pm-7:40pm (EGR 0108)

ENRE648T Special Problems in Reliability Engineering: Fundamentals of Failure Mechanisms; (3) REG/AUD.
0101 (26125) Bernstein, J.
M 2:00pm-4:45pm (ARM 0110)

ENRE648W Special Problems in Reliability Engineering: Advanced Risk Assessment Methods; (3) REG/AUD.
0101 (26135) Mosleh, A.
Th 5:00pm-7:40pm (MMH 3418)

ENRE799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENRE899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

ENSE Systems Engineering *(Engineering)*

ENSE621 *(PermReq)* **Systems Engineering Principles; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 621 or ENSE 603.*
HT01 (26226) STAFF
Time and room to be arranged
0101 (26232) Austin, M.
Th 6:30pm-9:10pm (ITV 1111)

ENSE623 *(PermReq)* **Systems Engineering Design Project; (3)** REG/AUD. *Prerequisite: ENSE 622 and permission of department. Credit will be granted for only one of the following: ENSE 623 or ENSE 610.*
0101 (26242) Rubloff, G.
Tu 7:00pm-9:40pm (AVW 2168)

ENSE625 *(PermReq)* **Systems Financial and Contract Management; (3)** REG/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: ENSE 625 or ENSE 612.*
0101 (26252) Richardson, L.
M 6:30pm-9:10pm (EGR 3106)

ENSE799 *(PermReq)* **Systems Engineering Thesis; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

ENSP Environmental Science and Policy *(Agriculture and Natural Resources)*

ENSP101 Introduction to Environmental Science; (3) REG. *Not open to students who have completed PBIO 235.*
0105 (26327) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 11:00am-11:50am (PLS 1184) Dis
0106 (26328) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 11:00am-11:50am (PLS 1176) Dis
0107 (26329) James, B.
MWF 9:00am-9:50am (BPS 1250)
Th 2:00pm-2:50pm (PLS 1168) Dis
0108 (26330) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 10:00am-10:50am (PLS 1117) Dis
0109 (26331) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 11:00am-11:50am (BPS 2283) Dis

ENSP101+ Introduction to Environmental Science; (3) REG. *Not open to students who have completed PBIO 235.*
0101 (26341) James, B.
MWF 9:00am-9:50am (BPS 1250)
Th 2:00pm-2:50pm (CCC 1200) Dis
0102 (26342) James, B.
MWF 9:00am-9:50am (BPS 1250)
Th 2:00pm-2:50pm (CCC 1100) Dis
0103 (26343) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 10:00am-10:50am (CCC 1100) Dis
0104 (26344) James, B.
MWF 9:00am-9:50am (BPS 1250)
F 10:00am-10:50am (CBD 1134) Dis

ENSP386 *(PermReq)* **Internship; (3-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: internship proposal approved by the specialty advisor or the director of ENSP and the student's internship sponsor.*

ENSP400 *(PermReq)* **Capstone; (3)** REG. *Prerequisite: senior standing in the ENSP major and permission of the director of ENSP.*
0101 (26348) James, B.
Time and room to be arranged

ENTM Entomology *(Life Sciences)*

All Undergraduate courses in the Biological Sciences are now listed in a single course listing under the heading BSCI. Please refer to that section. Only graduate courses are provided in the listing below.

ENTM611 Biological Suppression of Plant Pests; (3) REG/AUD. *Prerequisite: permission of department.*
0101 (26405) Barbosa, P.
Time and room to be arranged

ENTM622 Principles of Systematic Entomology; (3) REG/AUD. *Prerequisite: ENTM 421.*
0101 (26415) Mitter, C.
Time and room to be arranged

ENTM699 *(PermReq)* **Advanced Entomology; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ENTM701 *(PermReq)* **Teaching Entomology; (1)** S-F. *Prerequisite: permission of instructor. For LFSC graduate students only.*
0101 (26444) STAFF
Time and room to be arranged

ENTM789 Field Experience in Pest Management; (1-6) REG/AUD.
0101 (26454) Dively, G.
Time and room to be arranged

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; (1) REG/AUD.
0101 (26464) Mitter, C.
Time and room to be arranged

ENTM798C Topic Seminar: Physiology and Toxicology; (1) REG/AUD.
0101 (26474) Nelson, J.
Time and room to be arranged

ENTM798G Topic Seminar: Urban Entomology; (1) REG/AUD.
0101 (26484) Thorne, B.
Time and room to be arranged

ENTM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS Telecommunications *(Engineering)*

ENTS608 Telecommunications Seminar; (1) REG.
0101 (26581) STAFF
M 5:00pm-6:00pm (Arranged)

ENTS609 Telecommunications Project; (3) REG. Individual Instruction course: contact department or instructor to obtain section number.

ENTS620 Principles of Telecommunications; (3) REG.
0101 (26607) Geraniotis, E.
M 6:30pm-9:15pm (EGR 3114)

ENTS630 The Economics of International Telecommunications; (3) REG.
0101 (26617) Bailey, J.
Th 5:30pm-8:15pm (VMH 1314)

ENTS631 Competitive Strategies and Public Policies in Telecommunications; (3) REG.
0101 (26627) Bailey, J.
M 5:30pm-8:15pm (TYD 1108)

ENTS640 Telecommunication Networks; (3) REG.
0101 (26637) STAFF
W 5:30pm-8:15pm (AVW 2460)

ENTS650 Network Security; (3) REG.
0101 (26647) Schneider, E.
Tu 5:30pm-8:15pm (EGR 1110)

ENTS655 Digital Signal Processing; (3) REG/AUD. *Prerequisite: linear system concepts and transfer in methods at senior electrical engineering level.*
0101 (26657) STAFF
Tu 5:30pm-8:15pm (EGL 1204)

ENTS689C Special Topics: Design of Telecommunications Solutions to Business Problems; (3) REG.
0101 (26667) STAFF
W 5:30pm-8:15pm (VMH 4333)

FMST Family Studies *(Health and Human Performance)*

FMST105 Individuals in Families; (3) REG/P-F/AUD. *Formerly FMCD 105.*
0101 (26717) Avery, A.
MWF 11:00am-11:50am (MMH 1304)

FMST260 Couple Relationships; (3) REG/P-F/AUD. *Formerly FMCD 260.*
0101 (26727) Rubin, R.
TuTh 11:00am-12:15pm (MMH 1400)

FMST290 Family Economics; (3) REG/P-F/AUD.
0101 (26737) Mokhtari, M.
TuTh 5:00pm-6:15pm (MMH 1400)

FMST302 Research Methods in Family Studies; (3) REG/P-F/AUD. *Prerequisite: introductory statistics course. For FMST majors only. Formerly FMCD 302.*
0101 (26747) Anderson, E.
TuTh 9:30am-10:45am (MMH 1400)

FMST330 Family Theories and Patterns; (3) REG/AUD. *Junior*

standing. Formerly FMCD 330.
0101 **(26757)** Leslie, L.
TuTh 2:00pm-3:15pm (MMH 0108)
0201 **(26758)** STAFF
TuTh 12:30pm-1:45pm (MMH 0108)

FMST332 Children in Families; (3) REG/P-F/AUD. *Prerequisite: FMST 105 or PSYC 100. Formerly FMCD 332.*
0101 **(26768)** Millstein, F.
TuTh 11:00am-12:15pm (MMH 1304)
0201 **(26769)** STAFF
TuTh 9:30am-10:45am (MMH 1304)
0301 **(26770)** STAFF
TuTh 12:30pm-1:45pm (BPS 1238)

FMST341 Personal and Family Finance; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: FMCD 441, FMST 341, FMCD 341 or CNEC 410. Formerly FMCD 341.*
0101 **(26780)** Mokhtari, M.
TuTh 6:30pm-7:45pm (MMH 1400)

FMST381 Poverty, Affluence, and Families; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: SOCY 100 or SOCY 105. Formerly FMCD 381.*
0101 **(26790)** Twombly, C.
MWF 9:00am-9:50am (MMH 1304)
0201 **(26791)** STAFF
MWF 10:00am-10:50am (MMH 1304)

FMST383 Delivery of Human Services to Families; (3) REG/P-F/AUD. *Prerequisite: FMST 330. Formerly FMCD 383.*
0101 **(26801)** Brewster, F.
MWF 9:00am-9:50am (MMH 1400)
0201 **(26802)** STAFF
MWF 10:00am-10:50am (ARM 0105)

FMST399 *(PermReq)* Independent Study; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST431 Family Crises and Intervention; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0101 **(26826)** Epstein, N.
TuTh 12:30pm-1:45pm (MMH 1304)

FMST432 Intergenerational Aspects of Family Living; (3) REG/P-F/AUD. *Prerequisites: PSYC 100; and SOCY 100 or SOCY 105; and FMST 332 [or other human development course].*
0101 **(26836)** STAFF, ..
TuTh 2:00pm-3:15pm (MMH 1304)
0201 **(26837)** STAFF, ..
TuTh 3:30pm-4:45pm (MMH 1304)

FMST460 Violence in Families; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or SOCY 100 or SOCY 105.*
0101 **(26847)** Anderson, E.
W 11:00am-1:45pm (ARM 0112)

FMST477 *(PermReq)* Internship and Analysis in Family Studies; (3) REG/P-F/AUD. *Prerequisites: FMST 383, plus an additional six FMST credits and permission of department. For FMST majors only. Credit will be granted for only one of the following: FMST 477 or FMST 347.* Deadlines apply. See student guide, room 1216 Marie Mount Hall.
0101 **(26857)** Millstein, F.
W 3:00pm-4:30pm (WDS 1127)
0201 **(26858)** Millstein, F.
W 3:00pm-4:30pm (MMH 1108A)
0301 **(26859)** Millstein, F.
W 3:00pm-4:30pm (MMH 1402)
0401 **(26860)** Millstein, F.
W 3:00pm-4:30pm (MMH 1206)
0501 **(26861)** Millstein, F.
W 3:00pm-4:30pm (MMH 1312)

FMST487 Legal Aspects of Family Problems; (3) REG/P-F/AUD.
0101 **(26871)** Myricks, N.
TuTh 3:30pm-4:45pm (MMH 1400)
0201 **(26872)** STAFF
W 4:30pm-7:15pm (MMH 1400)

FMST497 The Child and the Law; (3) REG/P-F/AUD.
0101 **(26882)** Myricks, N.
TuTh 2:00pm-3:15pm (MMH 1400)

FMST498 *(PermReq)* Special Topics: Family Studies; (1-3) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

FMST498T *(PermReq)* Special Topics: Mock Trial Preparation; (3) REG/P-F/AUD.
0101 **(26906)** Myricks, N.
W 6:00pm-8:45pm (MMH 1402)

FMST600 Family Theories; (3) REG/AUD.
0101 **(26916)** Rubin, R.
Tu 4:00pm-6:45pm (MMH 1108A)

FMST640 Family Therapy: Theory and Techniques; (3) REG/AUD.
0101 **(26926)** Werlinich, C.
M 12:00pm-2:45pm (MMH 1108A)

FMST642 *(PermReq)* Normal and Abnormal Processes in Intergenerational Marriage and Family Therapy; (3) REG/AUD. *Prerequisite: FMST 640.*
0101 **(26936)** Gaylin, N.
Th 1:00pm-3:45pm (MMH 1108A)

FMST650 *(PermReq)* Ethical, Legal, and Professional Principles in Marriage and Family Therapy; (3) REG/AUD. *Prerequisite: permission of department. Limited to students admitted to the family therapy program.*
0101 **(26946)** Gaylin, N.
Tu 9:00am-11:45am (MMH 1108A)

FMST652 Intermediate Assessment, Diagnosis, and Treatment in Marriage and Family Therapy; (3) REG/AUD. *Prerequisite: FMST 651. Limited to students admitted to the family therapy program.*
0101 **(26956)** Leslie, L.
Tu 9:00am-11:45am (MMH 1402)

FMST658 *(PermReq)* Supervised Clinical Practice of Marriage and Family Therapy; (1-2) S-F. Prerequisite: FMST 650 and permission of instructor.
0101 **(26966)** Brewster, F.
W 9:00am-12:00pm (MMH 2303)
0201 **(26967)** Werlinich, C.
W 9:00am-12:00pm (MMH 2301)
0301 **(26968)** Leslie, L.
W 9:00am-12:00pm (MMH 2308)
0401 **(26969)** Epstein, N.
W 9:00am-12:00pm (MMH 2306)
0501 **(26970)** Gaylin, N.
W 9:00am-12:00pm (MMH 2304)
1801 **(26971)** Millstein, F.
W 9:00am-12:00pm (MMH 2302)

FMST660 Program Planning and Evaluation in Family Studies; (3) REG/AUD.
0101 **(26981)** Randolph, S.
M 3:00pm-5:45pm (MMH 1108A)

FMST698 *(PermReq)* Advanced Topics in Family Studies; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FMST698V Advanced Topics in Family Studies: Violence in Families; (3) REG/AUD.
0101 **(27005)** Anderson, E.
W 11:00am-1:45pm (ARM 0112)

FMST699 *(PermReq)* Independent Study; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST745 Gender and Ethnicity in Family Therapy and Service Delivery; (3) REG/AUD.
0101 **(27029)** Leslie, L.
Th 9:30am-12:15pm (MMH 1108A)

FMST789 *(PermReq)* Non-Thesis Research; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FMST799 *(PermReq)* Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson.

FOLA Foreign Language
(Arts and Humanities)

FOLA108A Elementary Foreign Languages I: Modern Standard Arabic I; (3) REG/P-F/AUD.
0101 **(27116)** Abed, S.
MW 3:30pm-5:30pm (JMZ 0103)

FOLA108G Elementary Foreign Languages I: Modern Greek; (3) REG/P-F/AUD. Introductory speaking, reading, and writing of Modern Greek for beginners. Not open for credit to native speakers. The follow-up elementary level course (FOLA 109G) will be offered in the spring semester.
0101 **(27126)** Pittas-Herschbach, M.
MWF 12:00pm-12:50pm (JMZ 1123)

FOLA118G Intermediate Foreign Languages I: Intermediate Modern Greek; (3) REG/P-F/AUD. Not open for credit to native speakers.
0101 **(27136)** Pittas-Herschbach, M.
MWF 2:00pm-2:50pm (JMZ 1211)

———SELF-INSTRUCTIONAL LANGUAGE PROGRAM———

The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 1105. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 1105. *Only the languages listed below are offered in the program.*

FOLA138A *(PermReq)* Directed Study of a Foreign Language I: Hungarian I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27146)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138D *(PermReq)* Directed Study of a Foreign Language I: Dutch I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27156)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138E *(PermReq)* Directed Study of a Foreign Language I: Elementary Tagalog I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructioal Program.
0101 **(27166)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138K *(PermReq)* Directed Study of a Foreign Language I: Persian I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27176)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138M *(PermReq)* Directed Study of a Foreign Language I: Elementary Swahili I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27186)** STAFF
Time and room to be arranged

FOLA138P *(PermReq)* Directed Study of a Foreign Language I: Hindi I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27196)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138R *(PermReq)* Directed Study of a Foreign Language I: Turkish I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27206)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138T *(PermReq)* Directed Study of a Foreign Language I: Vietnamese; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27216)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA138V *(PermReq)* Directed Study of a Foreign Language I: Armenian I; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27226)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139A *(PermReq)* Directed Study of a Foreign Language II: Elementary Hungarian II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27236)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139D *(PermReq)* Directed Study of a Foreign Language II: Elementary Dutch II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27246)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139E *(PermReq)* Directed Study of a Foreign Language II: Tagalog II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27256)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139F *(PermReq)* Directed Study of a Foreign Language II: Polish II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27266)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139K *(PermReq)* Directed Study of a Foreign Language II: Elementary Persian II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27276)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139M *(PermReq)* Directed Study of a Foreign Language II: Elementary Swahili II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27286)** STAFF
Time and room to be arranged

FOLA139P *(PermReq)* Directed Study of a Foreign Language II: Hindi II; (3) REG/P-F/AUD. Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27296)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139R *(PermReq)* Directed Study of a Foreign Language II: Elementary Turkish II; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27306)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA139T *(PermReq)* Directed Study of a Foreign Language II: Vietnamese; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details polsted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27326)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148A *(PermReq)* Directed Study of a Foreign Language III: Hungarian III; (3) REG/P-F/AUD. Prerequisite: FOLA 139A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27336)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148D *(PermReq)* Directed Study of a Foreign Language III: Dutch III; (3) REG/P-F/AUD. Prerequisite: FOLA 139D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27346)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148E *(PermReq)* Directed Study of a Foreign Language III: Tagalog III; (3) REG/P-F/AUD. Prerequisite: FOLA 139E or FOLA 158E or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27356)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148F *(PermReq)* Directed Study of a Foreign Language III: Polish III; (3) REG/P-F/AUD. Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27366)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148K *(PermReq)* Directed Study of a Foreign Language III: Persian III; (3) REG/P-F/AUD. Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27376)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148P *(PermReq)* Directed Study of a Foreign Language III: Hindi III; (3) REG/P-F/AUD. Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27386)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148R *(PermReq)* Directed Study of a Foreign Language III: Turkish III; (3) REG/P-F/AUD. Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27396)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148S *(PermReq)* Directed Study of a Foreign Language III: Egyptian Arabic III; (3) REG/P-F/AUD. Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27406)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA148T *(PermReq)* Directed Study of a Foreign Language III: Vietnamese; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27416)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149D *(PermReq)* Directed Study of a Foreign Language IV: Dutch IV; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27426)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149E *(PermReq)* Directed Study of a Foreign Language IV: Tagalog; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27436)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149F *(PermReq)* Directed Study of a Foreign Language IV: Polish IV-Intermediate; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27446)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149K *(PermReq)* Directed Study of a Foreign Language IV: Intermediate Persian; (3) REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27456)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149P *(PermReq)* Directed Study of a Foreign Language IV: Hindi IV; (3) REG/P-F/AUD. Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self- Instructional Program.
0101 **(27466)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149R *(PermReq)* Directed Study of a Foreign Language IV: Turkish; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27476)** Yaramanoglu, N
Time and room to be arranged Lab

FOLA149S *(PermReq)* Directed Study of a Foreign Language IV: Egyptian Arabic; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27486)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA149T *(PermReq)* Directed Study of a Foreign Language IV: Vietnamese; (3) REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.

0101 **(27496)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158A *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hungarian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27506)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158D *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27516)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158E *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Tagalog (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27526)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158F *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27536)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158K *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27546)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158M *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Swahili I (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27556)** Yaramanoglu, N.
Time and room to be arranged

FOLA158P *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27566)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158R *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Turkish I (Intensive); (6)** REG/P-F/AUD. All students planning this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27576)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158T *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27586)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158V *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27596)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA158X *(PermReq)* **Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); (6)** REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27606)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159D *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Dutch (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27616)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159E *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Tagalog; (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27626)** Yaramanoglu, N.
Time and room to be arranged

FOLA159F *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Polish (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27636)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159K *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Persian (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27646)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159P *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27656)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159R *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Turkish; (6)** REG/P-F/AUD. Prerequisite: FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27666)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159S *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Intensive Egyptian Arabic; (6)** REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27676)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159T *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Vietnamese (Intensive); (6)** REG/P-F/AUD. All students planning to take this course must complete application form (available in JMZ 1105). Mandatory orientation meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27686)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA159X *(PermReq)* **Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu (Intensive); (6)** REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 1105). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 1105. Read note above describing Self-Instructional Program.
0101 **(27696)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA386 *(PermReq)* **Experiential Learning; (3)** REG/P-F.
Prerequisite: permission of department. 56 semester hours.
0101 **(27706)** Yaramanoglu, N.
Time and room to be arranged Lab

FOLA408G *(PermReq)* **Foreign Language I: Intensive Study of Modern Greek; (3)** REG/P-F/AUD.
0101 **(27716)** Pittas-Herschbach, M.
Time and room to be arranged

FREN French
(Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez Hall.

FREN101 Elementary French; (4) REG/P-F/AUD. *Not open to students with 2 or more years of high-school level French.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(27766)** STAFF
MTuWF 9:00am-9:50am (JMZ 2117)
0201 **(27767)** STAFF
MTuWF 10:00am-10:50am (JMZ 2117)
0301 **(27768)** STAFF
MTuWF 11:00am-11:50am (JMZ 2117)
0401 **(27769)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 2117)

FREN102 Elementary French; (4) REG/P-F/AUD. *Prerequisite: FREN 101 at UMCP or permission of department.*
0101 **(27779)** STAFF
MTuWF 10:00am-10:50am (JMZ 1215)
0201 **(27780)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0202)

FREN103 Review of Elementary French; (4) REG/P-F/AUD. *Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103.* Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(27790)** STAFF
MTuWF 10:00am-10:50am (JMZ 0125)
0201 **(27791)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 3120)
0301 **(27792)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0125)

FREN203 Intermediate French; (4) REG/P-F/AUD. CORE: HO
Limited to students according to conditions described in the Foreign Language Placement section in this schedule.
0101 **(27802)** STAFF
MTuWF 9:00am-9:50am (JMZ 2122)
0201 **(27803)** STAFF
MWF 10:00am-10:50am (JMZ 1124)
Tu 10:00am-10:50am (JMZ 0120)
0301 **(27804)** STAFF
MWF 11:00am-11:50am (PLS 1111)
Tu 11:00am-11:50am (JMZ 0103)
0401 **(27805)** STAFF
MTuWF 11:00am-11:50am (JMZ 2125)
0501 **(27806)** STAFF
MWF 12:00pm-12:50pm (JMZ 0125)
Tu 12:00pm-12:50pm (JMZ 0103)
0601 **(27807)** STAFF
MWF 1:00pm-1:50pm (JMZ 1117)
Tu 1:00pm-1:50pm (JMZ 0120)
0701 **(27808)** STAFF
MTuWF 2:00pm-2:50pm (JMZ 2125)

FREN204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: FREN 203 or permission of department.*
0101 **(27818)** STAFF
MWF 11:00am-11:50am (JMZ 0125)
0201 **(27819)** STAFF
MWF 12:00pm-12:50pm (PLS 1115)
0301 **(27820)** STAFF
TuTh 9:30am-10:45am (JMZ 1226)
0401 **(27821)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1226)

FREN250 Readings in French; (3) REG/P-F/AUD. CORE: HL
Prerequisite: FREN 203 or equivalent. Not open to native speakers.
0101 **(27831)** Letzter, J.
MWF 10:00am-10:50am (JMZ 2122)
0201 **(27832)** STAFF
MWF 1:00pm-1:50pm (JMZ 2123)

FREN250H Readings in French; (3) REG/P-F/AUD. CORE: HL
Prerequisite: FREN 203 or equivalent. Not open to native speakers. For general honors students only.
0101 **(27842)** Letzter, J.
MWF 10:00am-10:50am (JMZ 2122)
0201 **(27843)** STAFF
MWF 1:00pm-1:50pm (JMZ 2123)

FREN301 Composition and Style; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or permission of department.*
0101 **(27853)** STAFF
MWF 10:00am-10:50am (JMZ 1120)
0201 **(27854)** Frindethie, M.
MWF 11:00am-11:50am (JMZ 3120)

FREN302 Practicum in Translation I; (3) REG/P-F/AUD.
Prerequisite: FREN 301 or permission of department.
0101 **(27864)** Frindethie, M.
MWF 10:00am-10:50am (JMZ 3120)

FREN306 Commercial French I; (3) REG/P-F/AUD. *Prerequisite: FREN 301 or permission of department.*
0101 **(27874)** STAFF
TuTh 9:30am-10:45am (JMZ 1124)

FREN311 French Conversation; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(27884)** STAFF
TuTh 11:00am-12:15pm (JMZ 2123)
0201 **(27885)** STAFF
TuTh 2:00pm-3:15pm (JMZ 2123)
0301 **(27886)** Frindethie, M.
MWF 1:00pm-1:50pm (JMZ 3120)

FREN312 Introduction to French Culture: The French Press; (3) REG/P-F/AUD. *Prerequisite: any 200-level course in French above FREN 203 or permission of department. Not open to native speakers.*
0101 **(27897)** Brami, J.
TuTh 12:30pm-1:45pm (JMZ 2122)

FREN351 From Romanticism to the Age of Modernism and Beyond; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.*
0101 **(27907)** Campangne, H.
MWF 1:00pm-1:50pm (JMZ 2117)

FREN351H From Romanticism to the Age of Modernism and Beyond; (3) REG/P-F/AUD. *Prerequisite: FREN 204 or FREN 250 or permission of department.* For general honors students only.
0101 **(27917)** Campangne, H.
MWF 1:00pm-1:50pm (JMZ 2117)

FREN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

FREN398 *(PermReq)* **Practicum in Spoken French; (1)** S-F.
Individual Instruction course: contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chair.

FREN399 *(PermReq)* **Directed Study in French; (1-3)** S-F.
Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with permission of instructor. Contact department for details.

FREN449 Studies in 18th Century French Literature: The Enlightenment; (3) REG/P-F/AUD.
0101 **(27961)** Letzter, J.
MWF 12:00pm-12:50pm (JMZ 3118)

FREN474 Contemporary France: A Sociocritical Approach; (3) REG/P-F/AUD. *Recommended: FREN 473.*
0101 **(27971)** Verdaguer, P.
TuTh 11:00am-12:15pm (JMZ 0122)

FREN474H Contemporary France: A Sociocritical Approach; (3) REG/P-F/AUD. *Recommended: FREN 473.*
0101 **(27981)** Verdaguer, P.
TuTh 11:00am-12:15pm (JMZ 0122)

FREN489 Pro-Seminar in Themes or Movements of French Literature: The Short Story from George Sand to Le Clezio:Short Fiction in French from the 19th and 20th Centuries; (3) REG/P-F/AUD.
0101 **(27991)** Hage, M.
TuTh 12:30pm-1:45pm (JMZ 1120)

FREN489C Pro-Seminar in Themes or Movements of French Literature: The French Theater; (3) REG/P-F/AUD.
0101 **(28001)** Campangne, H.
MWF 11:00am-11:50am (PLS 1115)

FREN495H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number. *Open only to students admitted to the departmental honors program.*

FREN498 Special Topics in French Literature; (3) REG/P-F/AUD.
0101 **(28027)** STAFF
Time and room to be arranged

FREN499 *(PermReq)* **Special Topics in French Studies; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN603 Advanced Translation; (3) REG/AUD.
0101 **(28053)** Verdaguer, P.
TuTh 2:00pm-3:15pm (JMZ 3120)

FREN659 Special Topic in Nineteenth Century French Literature: Balzac; (3) REG/AUD.
0101 **(28063)** Brami, J.
Tu 5:00pm-7:30pm (JMZ 3120)

FREN689 Seminar in a Great Literary Figure: Women's Identity: 19th and 20th-Century French & FrancophoneWomen Writers; (3) REG/AUD.
0101 **(28073)** Hage, M.
Th 4:00pm-6:30pm (JMZ 3120)

FREN709 College Teaching of French; (1) S-F.
0101 **(28083)** Scullen, M.
M 2:00pm-4:00pm (JMZ 3118)

FREN798 *(PermReq)* **Master's Independent Study; (1-3)** REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

FREN799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

FREN818 French Literary Criticism; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

FREN898 *(PermReq)* **Doctoral Independent Study; (3)** REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

FREN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEMS Gemstone
(Engineering)

GEMS201 Technological Innovation: A Sociological Perspective; (3) REG. CORE: SB *For Gemstone participants only. Recommended: GEMS 101.*
0101 **(28222)** Klein, K.
TuTh 10:00am-11:15am (JMZ 0105)
0201 **(28223)** Klein, K.
TuTh 4:30pm-5:45pm (BPS 1243)

GEMS301 Entrepreneurship, Technology, and Innovation; (3) REG/P-F/AUD. *For Gemstone participants only.*
0101 **(28224)** Mierzwa, T.
M 4:00pm-6:40pm (TYD 1101)
0102 **(28225)** Mierzwa, T.
Tu 3:30pm-6:10pm (TYD 1132)

GEOG Geography
(Behavioral and Social Sciences)

GEOG100 Introduction to Geography; (3) REG/P-F/AUD. CORE: SB
0101 **(28273)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (LEF 1222) Dis
0102 **(28274)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 11:00am-11:50am (LEF 1222) Dis
0103 **(28275)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 9:00am-9:50am (TYD 1102) Dis
0104 **(28276)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 9:00am-9:50am (LEF 1222) Dis
0105 **(28277)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (BPS 1228) Dis
0106 **(28278)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (KEY 0121) Dis
0107 **(28279)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1220) Dis
0108 **(28280)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
Th 10:00am-10:50am (MMH 0108) Dis
0109 **(28281)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
F 10:00am-10:50am (TWS 0131) Dis
0110 **(28282)** Cirrincione, J.
MW 10:00am-10:50am (LEF 2205)
W 1:00pm-1:50pm (KEY 0124) Dis
0201 **(28283)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 10:00am-10:50am (BPS 1124) Dis
0202 **(28284)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (BPS 1234) Dis
0203 **(28285)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 9:00am-9:50am (LEF 1222) Dis
0204 **(28286)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 1220) Dis
0205 **(28287)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (LEF 1208) Dis
0206 **(28288)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 12:00pm-12:50pm (PHY 4220) Dis
0207 **(28289)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 12:00pm-12:50pm (LEF 1201) Dis
0208 **(28290)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
F 11:00am-11:50am (TYD 2111) Dis
0209 **(28291)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
Th 11:00am-11:50am (KEY 0124) Dis
0210 **(28292)** Cirrincione, J.
MW 11:00am-11:50am (LEF 2205)
W 2:00pm-2:50pm (JMZ 1117) Dis

GEOG201 Geography of Environmental Systems; (3) REG/P-F/

AUD. CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 211.
0101 (28302) Kinerney, E.
TuTh 9:30am-10:45am (LEF 2205)

GEOG211 Geography of Environmental Systems Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors.
0101 (28312) Kinerney, E.
M 9:00am-11:00am (PLS 1146) Lab
0201 (28313) STAFF
F 9:00am-11:00am (BPS 1238) Lab
0301 (28314) STAFF
M 1:00pm-3:00pm (PLS 1146) Lab
0401 (28315) STAFF
Th 11:00am-1:00pm (CHM 0124) Lab
0501 (28316) STAFF
W 9:00am-11:00am (PLS 1180) Lab
0601 (28317) STAFF
F 11:00am-1:00pm (HBK 0115) Lab

GEOG298A Special Topics in Geography: Human Dimensions of Geography; (3) REG/P-F/AUD.
0101 (28327) Eney, A.
MWF 1:00pm-1:50pm (TYD 0117)

GEOG321 Maryland and Adjacent Areas; (3) REG/P-F/AUD.
0101 (28337) Eney, A.
MWF 10:00am-10:50am (LEF 1221)

GEOG323 Latin America; (3) REG/P-F/AUD. DIVERSITY
0101 (28347) Geores, M.
MWF 11:00am-11:50am (LEF 2208)

GEOG340 Geomorphology; (3) REG/P-F/AUD.
0101 (28357) Kinerney, E.
TuTh 2:00pm-3:15pm (LEF 2166)

GEOG345 Climatology; (3) REG/P-F/AUD.
0101 (28612) Dubayah, R.
Time and room to be arranged

GEOG605 Quantitative Spatial Analysis; (3) REG/AUD. *Prerequisite: GEOG 305; and GEOG 483, or permission of department.*
0101 (28622) STAFF
Th 5:00pm-7:30pm (LEF 1171)

GEOG610M Research Tutorial; (3) REG/AUD. *Prerequisite: GEOG 600; and permission of department.*
0101 (28632) Prince, S.
F 2:30pm-5:00pm (LEF 1171)

GEOG628 Seminar in Climatology: Seminar in Paleoclimatology; (3) REG/AUD.
0101 (28642) Kearney, M.
Tu 5:00pm-7:30pm (LEF 1171)

GEOG679 Seminar in Urban Geography; (3) REG/AUD.
0101 (28652) Christian, C.
Tu 3:30pm-6:00pm (LEF 1221)

GEOG788 *(PermReq)* Selected Topics in Geography; (1-3) REG. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG788C Selected Topics in Geography; (1-3) REG/AUD.
0101 (28691) STAFF
M 3:00pm-5:30pm (LEF 1171)

GEOG788D *(PermReq)* Selected Topics in Geography: Population Geography; (3) REG/AUD.
0101 (28701) Christian, C.
TuTh 11:00am-12:15pm (LEF 1220)

GEOG788E Selected Topics in Geography: Cultural Ecology; (3) REG/AUD.
0101 (28711) Geores, M.
MWF 9:00am-9:50am (LEF 1221)

GEOG788G Selected Topics in Geography; (1-3) REG/AUD.
0101 (28721) STAFF
W 3:00pm-5:00pm (LEF 0135)

GEOG788P Selected Topics in Geography: Location Theory and Spatial Analysis; (3) REG/AUD.
0101 (28741) Brodsky, H.
W 4:00pm-6:30pm (LEF 1221)

GEOG788S *(PermReq)* Selected Topics in Geography; (1) REG/AUD.
0101 (28751) STAFF
Th 3:30pm-5:00pm (LEF 1124)

GEOG789 *(PermReq)* Independent Readings; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Repeatable to 6 credits if content differs.

GEOG790 *(PermReq)* Internship in Geography; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOG799 *(PermReq)* Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOG899 *(PermReq)* Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL Geology
(Computer, Mathematical and Physical Sciences)

GEOL100 Physical Geology; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 110.
0101 (28885) STAFF
MWF 1:00pm-1:50pm (EGR 1202)
0102 (28886) Kaufman, A.
TuTh 3:30pm-4:45pm (EGR 1202)

GEOL100+ Physical Geology; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: GEOL 100 or GEOL 103 or GEOL 105 or GEOL 107.*
0101 (28896) STAFF
MWF 1:00pm-1:50pm (EGR 1202)

GEOL104 Dinosaurs: A Natural History; (3) REG/P-F/AUD. CORE: PS
0101 (28906) Holtz, T.
MWF 10:00am-10:50am (PLS 1140)

GEOL110 Physical Geology Laboratory; (1) REG/P-F. *Pre- or corequisite: GEOL 100 or GEOL 120.* CORE Physical Science Lab (PL) Course only when taken concurrently with GEOL 100.
0101 (28916) STAFF
Th 12:00pm-3:00pm (GEO 2106) Lab
0102 (28917) STAFF
M 12:00pm-3:00pm (GEO 2106) Lab
0104 (28919) STAFF
Tu 3:00pm-6:00pm (GEO 2106) Lab
0106 (28921) STAFF
W 9:00am-12:00pm (GEO 2106) Lab
0107 (28922) STAFF
W 3:00pm-6:00pm (GEO 2106) Lab
0109 (28924) STAFF
Tu 9:00am-12:00pm (GEO 2106) Lab
0110 (28925) STAFF
Th 9:00am-12:00pm (GEO 2106) Lab

GEOL110+ Physical Geology Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: GEOL 100 or GEOL 120.*
0103 (28935) STAFF
Tu 12:00pm-3:00pm (GEO 2106) Lab
0105 (28936) STAFF
W 6:00pm-9:00pm (GEO 2106) Lab
0108 (28937) STAFF
M 3:00pm-6:00pm (GEO 2106) Lab

GEOL120 Environmental Geology; (3) REG/P-F/AUD.
0101 (28947) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
M 3:00pm-3:50pm (CHE 2136) Dis
0102 (28948) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
M 4:00pm-4:50pm (PHY 4208) Dis
0103 (28949) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
M 5:00pm-5:50pm (CHE 2120) Dis
0104 (28950) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
W 3:00pm-3:50pm (CHM 0122) Dis
0105 (28951) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
W 4:00pm-4:50pm (CHM 0119) Dis
0106 (28952) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)
W 5:00pm-5:50pm (CHM 0127) Dis
0201 (28953) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
M 3:00pm-3:50pm (CSS 2428) Dis
0202 (28954) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
M 4:00pm-4:50pm (CHM 0127) Dis
0203 (28955) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
M 5:00pm-5:50pm (CHE 2116) Dis
0204 (28956) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
W 3:00pm-3:50pm (CHM 0119) Dis
0205 (28957) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
W 4:00pm-4:50pm (CSS 0201) Dis
0206 (28958) Ridky, R.
TuTh 12:30pm-1:45pm (SHM 2102)
W 5:00pm-5:50pm (CHM 2201) Dis

GEOL120+ Environmental Geology; (3) REG/P-F/AUD. CORE: PS Restricted to students in a First Year Focus Cluster.
0103 (28968) Ridky, R.
TuTh 9:30am-10:45am (SHM 2102)

GEOL322 Mineralogy; (4) REG. *Prerequisites: GEOL 110 and CHEM 103.*
0101 (28978) Chang, L.
TuTh 8:00am-9:15am (PLS 1172)
Tu 11:00am-2:00pm (GEO 2107) Lab

GEOL341 Structural Geology; (4) REG. *Prerequisite: GEOL 102 or permission of department.*
0101 (28988) STAFF
TuTh 9:30am-10:45am (PLS 1113)
M 10:00am-1:00pm (GEO 2107) Lab
0102 (28989) STAFF
TuTh 9:30am-10:45am (PLS 1113)
M 2:00pm-5:00pm (GEO 2107) Lab

GEOL386 *(PermReq)* Experiential Learning; (3-6) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GEOL393 Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.*
0101 (29000) Candela, P.
MW 5:00pm-6:00pm (PLS 1113)
Time and room to be arranged Dis

GEOL393H Technical Writing for Geoscientists; (3) REG/P-F/AUD. *Prerequisites: completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331, GEOL 322, and GEOL 451. For GEOL majors only.* For honors students only.
0101 (29010) Candela, P.
MW 5:00pm-6:00pm (PLS 1113)
Time and room to be arranged Dis

GEOL394 Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.*
0101 (29020) Candela, P.
MW 5:00pm-6:00pm (PLS 1113)
Time and room to be arranged Dis

GEOL394H Research Problems in Geology; (3) REG/P-F/AUD. CORE: CS *Prerequisite: GEOL 393.* For general honors students only.
0101 (29030) Candela, P.
MW 5:00pm-6:00pm (PLS 1113)
Time and room to be arranged Dis

GEOL423 Optical Mineralogy; (3) REG/P-F/AUD. *Prerequisite: GEOL 322.*
0101 (29040) Wylie, A.
F 9:30am-10:20am (PLS 1180)
W 8:00am-12:00pm (GEO 2117) Lab

GEOL437 Global Climate Change: Past and Present; (3) REG/P-F/AUD. *Prerequisite: CHEM 103, Math 115, GEOL 100 or GEOL 120 or GEOL 103.*
0101 (29050) Gallup, C.
TuTh 2:00pm-3:15pm (ARM 0112)

GEOL445 Principles of Geochemistry; (3) REG/P-F/AUD. *Prerequisites: CHEM 103; and GEOL 322.*
0101 (29060) STAFF
TuTh 12:30pm-1:45pm (MTH 0411)

GEOL452 Watershed and Wetland Hydrology; (3) REG/P-F/AUD. *Prerequisites: CHEM 103 and (GEOL 110 or GEOL 103 or GEOL 105 or GEOL 107) and (GEOL 322 or GEOL 340 or GEOL 341 or GEOL 342). 56 semester hours. Junior standing.*
0101 (29070) Prestegaard, K.
TuTh 3:30pm-4:45pm (PLS 1113)

GEOL499 *(PermReq)* Special Problems in Geology; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL614 Thermodynamics of Geological Processes; (3) REG/AUD. *Prerequisites: MATH 141; and CHEM 113; and GEOL 322; and PHYS 142.*
0101 (29091) Candela, P.
MW 10:15am-11:30am (PLS 1158)

GEOL622 Minerology of the Rock-Forming Silicates; (3) REG/AUD. *Prerequisite: GEOL 422 and CHEM 481 or equivalent.*
0101 (29101) Chang, L.
TuTh 12:30pm-1:45pm (PLS 1184)

GEOL650 Isotope and Trace Element Geochemistry; (3) REG/AUD. *Prerequisite: GEOL 443 or permission of department.*
0101 (29111) Walker, R.
WF 8:30am-9:45am (PLS 1184)

GEOL652 Advanced Watershed and Wetland Hydrology; (3) REG/AUD. *Prerequisite: GEOL 452 or permission of department.*
0101 (29121) Prestegaard, K.
TuTh 3:30pm-4:45pm (PLS 1113)

GEOL798 *(PermReq)* Seminar in Geology; (1) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GEOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GEOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM Germanic Studies
(Arts and Humanities)

GERM101 Elementary German I; (4) REG/P-F/AUD. *Formerly GERM 111.*
0201 (29215) STAFF
MTuWF 9:00am-9:50am (JMZ 1122)
0301 (29216) STAFF
MTuWF 10:00am-10:50am (JMZ 1122)
0401 (29217) STAFF
MTuWF 11:00am-11:50am (JMZ 1122)
0501 (29218) STAFF
MTuWF 12:00pm-12:50pm (JMZ 1122)

GERM102 Elementary German II; (4) REG/P-F/AUD. *Prerequisite: GERM 101 or equivalent. Formerly GERM 112.*
0201 (29228) STAFF
MWF 9:00am-9:50am (JMZ 1211)
Th 9:00am-9:50am (JMZ 2125)
0301 (29229) STAFF
MWF 10:00am-10:50am (JMZ 1211)
Th 10:00am-10:50am (JMZ 2125)
0401 (29230) STAFF
MWF 11:00am-11:50am (JMZ 1211)
Th 11:00am-11:50am (JMZ 2125)

GERM103 Review of Elementary German; (4) REG/P-F/AUD. *Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section).*
0101 (29240) STAFF
MTuWF 11:00am-11:50am (JMZ 3205)

GERM148Y Germanic Languages - Elementary I: Yiddish I; (3) REG/P-F/AUD.
0101 (29250) Isaacs, M.
TuTh 2:00pm-3:15pm (JMZ 2122)

GERM201 Intermediate German I; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 102.*
0201 (29260) STAFF
MWF 12:00pm-12:50pm (JMZ 0202)
Th 12:00pm-12:50pm (JMZ 0118)
0301 (29261) STAFF
MWF 10:00am-10:50am (JMZ 1104)
Th 10:00am-10:50am (JMZ 1122)
0401 (29262) STAFF
MWF 11:00am-11:50am (JMZ 1104)
Th 11:00am-11:50am (JMZ 1122)

GERM202 Intermediate German II; (4) REG/P-F/AUD. CORE: HO *Prerequisite: GERM 201. Not open to students who have completed GERM 211. Credit will be granted for only one of the following: GERM 202 or GERM 211 or GERM 104. Formerly GERM 211.*
0101 (29272) STAFF
MWF 10:00am-10:50am (JMZ 3205)
Th 10:00am-10:50am (JMZ 1215) Dis
0201 (29273) STAFF
MWF 12:00pm-12:50pm (JMZ 3205)
Th 12:00pm-12:50pm (JMZ 1122)

GERM220 Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.*
0101 (29283) STAFF
MWF 2:00pm-2:50pm (JMZ 0202)

GERM220H Introduction to German Literature; (3) REG/P-F/AUD. *Prerequisite: GERM 202.* For general honors students only.
0101 (29293) STAFF
MWF 2:00pm-2:50pm (JMZ 0202)

GERM248S Germanic Languages Intermediate - I: Intermediate Swedish I; (3) REG/P-F/AUD.
0101 (29303) Oster, R.
TuTh 11:00am-12:15pm (JMZ 1124)

GERM280 German-American Cultural Contrast; (3) REG/P-F/AUD. CORE: HO
0101 (29313) Pfister, G.
MWF 12:00pm-12:50pm (JMZ 3203)

GERM281 Women in German Literature and Society; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as WMST 281. Credit will be granted for only one of the following: GERM 281 or WMST 281.*
0101 (29323) Frederiksen, E.
MWF 1:00pm-1:50pm (JMZ 1103)

GERM282 Germanic Mythology; (3) REG/P-F/AUD. CORE: HL
0101 (29333) Fleck, J.
TuTh 12:30pm-1:45pm (JMZ 3205)

GERM284 German Chivalric Culture; (3) REG/P-F/AUD. CORE: HL *Formerly GERM 384.*
0101 (29343) Fleck, J.
TuTh 2:00pm-3:15pm (JMZ 3205)

GERM301 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: GERM 202 or equivalent.* Newly organized course.
0101 (29353) STAFF
MWF 11:00am-11:50am (ARM 0116)

GERM302 Conversation and Composition II; (3) REG/P-F/AUD. *Prerequisite: GERM 301 or equivalent.*
0101 (29363) STAFF
MWF 2:00pm-2:50pm (JMZ 1104)

GERM321 Highlights of German Literature I; (3) REG/P-F/AUD. *Prerequisite: GERM 220 or equivalent.*
0101 (29373) Walker, R.
MWF 9:00am-9:50am (JMZ 0125)

GERM339 German Literature In Translation: Kafka and Film; (3) REG/P-F/AUD.
0101 (29383) Beicken, P.
TuTh 2:00pm-3:15pm (JMZ 0202)

GERM339H German Literature In Translation: Kafka and Film; (3) REG. For general honors students only.
0101 (29393) Beicken, P.
TuTh 2:00pm-3:30pm (JMZ 0202)

GERM368 Scandinavian Civilization: CONTEMPORARY SWEDEN; (3) REG/P-F/AUD.
0101 (29403) Oster, R.
Tu 2:00pm-4:30pm (JMZ 1103)

GERM386 *(PermReq)* Experiential Learning; (3-6) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GERM397H *(PermReq)* Honors Reading (Independent Study); (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have department's permission before registering.

GERM398H Honors Research; (3) REG/P-F/AUD.
0101 (29429) STAFF
Time and room to be arranged

GERM401 Advanced Conversation; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.*
0101 (29439) STAFF
TuTh 11:00am-12:15pm (JMZ 3203)

GERM403 Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.*
0101 (29449) STAFF
TuTh 9:30am-10:45am (JMZ 1211)

GERM403H Advanced Composition; (3) REG/P-F/AUD. *Prerequisite: GERM 302 or equivalent.* For general honors students only.
0101 (29459) STAFF
TuTh 9:30am-10:45am (JMZ 1211)

GERM421 Literature of the Middle Ages; (3) REG/P-F/AUD. *Prerequisite: GERM 321 and 322 or permission of department.*
0101 (29469) Walker, R.
MWF 10:00am-10:50am (JMZ 1123)

GERM439C Selected Topics in German Literature: MODERN GERMANY-CULTURE; (3) REG/P-F/AUD.
0101 (29479) Pfister, G.
MWF 11:00am-11:50am (JMZ 3203)

GERM449D Selected Topics in Germanic Studies: Images of Gender in Yiddish Literature over a Millenium; (3) REG/P-F/AUD.
0101 (29489) Isaacs, M.
TuTh 11:00am-12:15pm (JMZ 0125)

GERM476 Sanskrit I; (3) REG/AUD.
0101 (29499) Fleck, J.
TuTh 3:30pm-4:45pm (JMZ 3205)

GERM498H Honors Thesis Writing; (3) REG/P-F/AUD. For general honors students only.
0101 (29509) STAFF
Time and room to be arranged
1001 (29510) STAFF
Time and room to be arranged

GERM499 *(PermReq)* Directed Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM689B Special Topics - M.A. Level: GOETHE; (1-3) REG/AUD.
0101 (29529) Beicken, P.
Tu 5:00pm-7:30pm (JMZ 3203)

GERM689F Special Topics - M.A. Level: TBA; (3) REG/AUD.
0101 (29539) Frederiksen, E.
W 5:00pm-7:30pm (JMZ 3205)

GERM798 *(PermReq)* Master's Independent Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to

obtain section number.
0101: Beicken, Peter, 0501: Fleck, Jere 0601: Frederiksen, Elke 0801: Oster, Rose-Marie 0901: Pfister, Guenter 1101: Strauch, Gabriele: 1201 Walker, Richard.

GERM799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GERM828 Seminar: The 18th Century; (3) REG/AUD.
0101 **(29563)** Beicken, P.
Tu 5:00pm-7:30pm (JMZ 3203)

GERM889F Seminar in Germanic Area Studies; (3) REG/AUD. Topic to be announced.
0101 **(29573)** Frederiksen, E.
W 5:00pm-7:30pm (JMZ 3205)

GERM898 *(PermReq)* **Doctoral Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GERM899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

GREK Greek
(Arts and Humanities)

GREK101 Elementary Ancient Greek I; (4) REG/P-F/AUD. *A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit.* Classical and New Testament Greek. For Modern Greek, see FOLA 108G - a regular instruction course meeting 3 times a week.
0101 **(29697)** Lee, H.
MWF 1:00pm-1:50pm (PLS 1168)
W 2:00pm-2:50pm (MMH 0108)

GREK201 Intermediate Ancient Greek; (4) REG/P-F/AUD. *Prerequisite: GREK 102 or equivalent.*
0101 **(29707)** Doherty, L.
MWF 1:00pm-1:50pm (MMH 2407)
F 2:00pm-2:50pm (MMH 2407)

GREK402 Greek Philosophers; (3) REG/P-F/AUD.
0101 **(29717)** Lesher, J.
W 5:00pm-7:40pm (MMH 3418)

GREK499 *(PermReq)* **Independent Study in Greek Language and Literature; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GREK688 Special Topics in Greek Literature: Greek Philosophers; (3) REG/AUD.
0101 **(29732)** Lesher, J.
W 5:00pm-7:40pm (MMH 1304)

GREK699 *(PermReq)* **Independent Study in Greek Literature; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT Government and Politics
(Behavioral and Social Sciences)

GVPT100 Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB
0101 **(29795)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
Th 1:00pm-1:50pm (ARC 1101) Dis
0102 **(29796)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
Th 2:00pm-2:50pm (JMZ 0103) Dis
0103 **(29797)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
Th 3:00pm-3:50pm (JMZ 0208) Dis
0104 **(29798)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
Th 4:00pm-4:50pm (JMZ 0208) Dis
0105 **(29799)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 9:00am-9:50am (JMZ 3205) Dis
0106 **(29800)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 10:00am-10:50am (COL 3110) Dis
0107 **(29801)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 11:00am-11:50am (WDS 0104) Dis
0108 **(29802)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 1:00pm-1:50pm (ASY 3211) Dis
0109 **(29803)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 2:00pm-2:50pm (TLF 1103) Dis
0110 **(29804)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 3:00pm-3:50pm (TYD 1128) Dis
0111 **(29805)** Grant-Wisdom, D.
TuTh 9:30am-10:45am (HJP 0226)
F 4:00pm-4:50pm (TYD 1128) Dis

GVPT100+ Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB Restricted to students in a College Park Scholars program.
0101 **(29815)** Swistak, P.
MW 10:00am-10:50am (BPS 1243)
W 11:00am-11:50am (ARM 0101) Dis
0102 **(29816)** Swistak, P.
MW 10:00am-10:50am (BPS 1243)
W 1:00pm-1:50pm (ARM 0121) Dis
0103 **(29817)** Swistak, P.
MW 10:00am-10:50am (BPS 1243)
W 2:00pm-2:50pm (TYD 1128) Dis
0104 **(29818)** Swistak, P.
MW 10:00am-10:50am (BPS 1243)
W 3:00pm-3:50pm (ARM 0118) Dis

GVPT100H Principles of Government and Politics; (3) REG/P-F/AUD. CORE: SB
0101 **(29828)** Elkin, S.
Tu 12:30pm-3:15pm (TYD 1111)
0201 **(29829)** Elkin, S.
Th 12:30pm-3:15pm (TYD 1111)

GVPT170 American Government; (3) REG/P-F/AUD. CORE: SB
0101 **(29839)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
Th 3:00pm-3:50pm (ARC 1121) Dis
0102 **(29840)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
Th 2:00pm-2:50pm (ARM 0118) Dis
0103 **(29841)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
Th 3:00pm-3:50pm (HBK 0105) Dis
0104 **(29842)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
Th 4:00pm-4:50pm (ARM 0121) Dis
0105 **(29843)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 10:00am-10:50am (EGR 1102) Dis
0106 **(29844)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 11:00am-11:50am (TYD 1101) Dis
0107 **(29845)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 1:00pm-1:50pm (LEF 1220) Dis
0108 **(29846)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 2:00pm-2:50pm (JMZ 1224) Dis
0109 **(29847)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 4:00pm-4:50pm (HBK 0123) Dis
0110 **(29848)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 12:00pm-12:50pm (LEF 2208) Dis
0111 **(29849)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 3:00pm-3:50pm (ARM 0121) Dis
0112 **(29850)** Morris, I.
TuTh 11:00am-11:50am (ARC 0204)
F 11:00am-11:50am (ASY 1213) Dis
0201 **(29851)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
W 11:00am-11:50am (ARM 0121) Dis
0202 **(29852)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
W 1:00pm-1:50pm (TYD 1128) Dis
0203 **(29853)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
W 2:00pm-2:50pm (DNC 1139B) Dis
0204 **(29854)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
W 3:00pm-3:50pm (ARM 0105) Dis
0205 **(29855)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
W 4:00pm-4:50pm (ARM 0103) Dis
0206 **(29856)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 10:00am-10:50am (JMZ 2123) Dis
0207 **(29857)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 11:00am-11:50am (EGR 3114) Dis
0208 **(29858)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 1:00pm-1:50pm (JMZ 0202) Dis
0209 **(29859)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 2:00pm-2:50pm (TYD 1128) Dis
0210 **(29860)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 3:00pm-3:50pm (ARM 0103) Dis
0211 **(29861)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
Th 4:00pm-4:50pm (ARC 1101) Dis
0212 **(29862)** Gimpel, J.
MW 10:00am-10:50am (TYD 0130)
F 11:00am-11:50am (CHM 2201) Dis

GVPT200 *(PermReq)* **International Political Relations; (3)** REG/P-F/AUD. CORE: SB *Prerequisite: GVPT 100. Formerly GVPT 300.*
0101 **(29872)** Haufler, V.
MW 11:00am-12:15pm (TWS 2154)
Th 2:00pm-2:50pm (BPS 2283) Dis
0102 **(29873)** Haufler, V.
MW 11:00am-12:15pm (TWS 2154)
Th 3:00pm-3:50pm (JMZ 0103) Dis
0103 **(29874)** Haufler, V.
MW 11:00am-12:15pm (TWS 2154)
Th 4:00pm-4:50pm (TYD 1128) Dis
0104 **(29875)** Haufler, V.
MW 11:00am-12:15pm (TWS 2154)
F 10:00am-10:50am (ARC 1103) Dis
0105 **(29876)** Haufler, V.
MW 11:00am-12:15pm (TWS 2154)
F 11:00am-11:50am (TYD 1114) Dis

GVPT221 Introduction to Formal Theories of Political Behavior and Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(29886)** Lalman, D.
TuTh 2:00pm-3:15pm (TYD 0117)

GVPT231 Law and Society; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(29896)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 2:00pm-2:50pm (ARM 0119) Dis
0102 **(29897)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
Th 3:00pm-3:50pm (ARM 0119) Dis
0103 **(29898)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 9:00am-9:50am (TYD 0111) Dis
0104 **(29899)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 10:00am-10:50am (TYD 0102) Dis
0105 **(29900)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 11:00am-11:50am (JRN 1105) Dis
0106 **(29901)** Soltan, K.
TuTh 11:00am-11:50am (TWS 2154)
F 1:00pm-1:50pm (TYD 1132) Dis

GVPT240 Political Ideologies; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(29911)** Tismaneanu, V.
TuTh 12:30pm-1:45pm (LEF 2166)

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(29921)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
Th 1:00pm-1:50pm (ARC 1103) Dis
0102 **(29922)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
F 1:00pm-1:50pm (TYD 0111) Dis
0103 **(29923)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
F 2:00pm-2:50pm (TYD 0111) Dis
0104 **(29924)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
Th 4:00pm-4:50pm (ARM 0103) Dis
0105 **(29925)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
Th 3:00pm-3:50pm (ARM 0121) Dis
0106 **(29926)** Terchek, R.
MW 1:00pm-1:50pm (SHM 2102)
Th 2:00pm-2:50pm (WDS 1127) Dis

GVPT250 Introduction to International Negotiation; (3) REG/P-F/AUD. CORE: SB DIVERSITY *Prerequisite: GVPT 100. Recommended: GVPT 200.*
0101 **(29936)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
Tu 1:30pm-2:20pm (VMH 2203) Dis
0102 **(29937)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
Tu 2:30pm-3:20pm (VMH 2203) Dis
0103 **(29938)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
Th 9:00am-9:50am (VMH 2203) Dis
0104 **(29939)** Starkey, B.
TuTh 12:30pm-1:20pm (TYD 0117)
Th 10:00am-10:50am (VMH 2203) Dis

GVPT260 State and Local Government; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(29949)** Marando, V.
TuTh 8:00am-9:15am (TYD 0117)

GVPT273 Introduction to Environmental Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(29959)** Pirages, D.
TuTh 9:30am-10:20am (JMZ 0220)
Th 3:00pm-3:50pm (BPS 1234) Dis
0102 **(29960)** Pirages, D.
TuTh 9:30am-10:20am (JMZ 0220)
Th 1:00pm-1:50pm (JMZ 3120) Dis
0103 **(29961)** Pirages, D.
TuTh 9:30am-10:20am (JMZ 0220)
Th 2:00pm-2:50pm (TLF 1103) Dis
0104 **(29962)** Pirages, D.
TuTh 9:30am-10:20am (JMZ 0220)
Th 3:00pm-3:50pm (JMZ 3203) Dis
0105 **(29963)** Pirages, D.
TuTh 9:30am-10:20am (JMZ 0220)
Th 1:00pm-1:50pm (JMZ 0125) Dis

GVPT280 Comparative Politics and Governments; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(29973)** Gurr, T.
TuTh 11:00am-12:15pm (TYD 0102)
Th 1:00pm-1:50pm (ARC 1123) Dis
0102 **(29974)** Gurr, T.
TuTh 11:00am-12:15pm (TYD 0102)
Th 2:00pm-2:50pm (TWS 0131) Dis

GVPT289 Special Topics in Government and Politics; (3) REG/P-F/AUD.
0101 **(29984)** Lalman, D.
TuTh 9:30am-10:45am (TYD 0101)

GVPT309A Topics in International Relations: Theories of International Relations (Advanced); (3) REG/P-F/AUD.
0101 **(29994)** Phillips, W.
M 9:00am-12:00pm (COL 3109)

GVPT309B Topics in International Relations: Comparative Environmental Politics; (3) REG/P-F/AUD.
0101 **(30004)** Schreurs, M.
TuTh 11:00am-12:15pm (TYD 1101)

GVPT309C Topics in International Relations: Politics of Regionalism; (3) REG/P-F/AUD.
0101 **(30014)** Kaminski, B.
TuTh 11:00am-12:15pm (TYD 1102)

GVPT341 Political Morality and Political Action; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(30024)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 10:00am-10:50am (JMZ 1120) Dis
0102 **(30025)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 11:00am-11:50am (PLS 1168) Dis
0103 **(30026)** Glass, J.
MW 2:00pm-3:15pm (TYD 0102)
Th 1:00pm-1:50pm (LEF 1221) Dis

GVPT376A *(PermReq)* **Applied Field Research in Government and Politics; (3-6)** S-F. *Prerequisite: GVPT 170. Corequisite: GVPT 377.*
0101 **(30036)** Herrnson, P.
Time and room to be arranged Lab

GVPT377A *(PermReq)* **Seminar For Academic Interns; (3)** REG/P-F/AUD. *Prerequisite: GVPT 170. Corequisite: GVPT 376.* Limited to Capitol Hill interns.
0101 **(30046)** Herrnson, P.
M 3:30pm-6:45pm (TYD 1136)

GVPT379A Topics in American Politics: Political Leadership; (3) REG/P-F/AUD.
0101 **(30056)** Stone, C.
MW 11:00am-12:15pm (LEF 2166)

GVPT379B Topics in American Politics: Immigrants and Immigration Policy in the U.S.; (3) REG/P-F/AUD.
0101 **(30066)** Gimpel, J.
MW 2:00pm-3:15pm (TYD 2111)

GVPT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

GVPT388 *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies required.

GVPT396 *(PermReq)* **Introduction to Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to and permission of GVPT Honors Program.*

GVPT397 *(PermReq)* **Honors Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: GVPT 396 and admission to GVPT honors program.*

GVPT409A Seminar in International Relations and World Politics: Workshop on Conflict and Peace Analysis; (3) REG/P-F/AUD.
0101 **(30299)** Davies, J.
TuTh 6:30pm-9:00pm (CSS 1410)
Time and room to be arranged Lab

GVPT409B Seminar in International Relations and World Politics: Developments in Post-Communist World; (3) REG/P-F/AUD.
0101 **(30309)** Kaminski, B.
TuTh 2:00pm-3:15pm (TYD 0101)

GVPT409D Seminar in International Relations and World Politics: U.S. Securities and Defense Policies in Asia; (3) REG/P-F/AUD.
0101 **(30319)** STAFF
M 1:00pm-3:30pm (ARM 0112)

GVPT409E Seminar in International Relations and World Politics: Migration and Refugee Flows in World Politics; (3) REG/P-F/AUD.
0101 **(30329)** Heisler, M.
MW 11:00am-12:15pm (TYD 1132)

GVPT431 Introduction to Constitutional Law; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(30339)** STAFF
MWF 10:00am-10:50am (ARM 0112)

GVPT433 The Judicial Process; (3) REG/P-F/AUD. *Prerequisite: GVPT 231.*
0101 **(30349)** McIntosh, W.
TuTh 9:30am-10:45am (TYD 0102)

GVPT436 The Legal Status of Women; (3) REG/P-F/AUD. *Prerequisite: GVPT 231. Also offered as WMST 436. Credit will be granted for only one of the following: GVPT 436 or WMST 436.*
0101 **(30359)** Feinstein, H.
MWF 12:00pm-12:50pm (TYD 1102)

GVPT441 History of Political Theory: Ancient and Medieval; (3) REG/P-F/AUD. *Prerequisite: GVPT 100.*
0101 **(30369)** Alford, C.
TuTh 12:30pm-1:45pm (TYD 1101)

GVPT453 Recent East Asian Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(30379)** STAFF
Time and room to be arranged

GVPT473 Legislatures and Legislation; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(30389)** Uslaner, E.
TuTh 12:30pm-1:45pm (TYD 1102)
Th 2:00pm-2:50pm (JMZ 1124) Dis
0102 **(30390)** Uslaner, E.
TuTh 12:30pm-1:45pm (TYD 1102)
Th 3:00pm-3:50pm (JMZ 1124) Dis
0103 **(30391)** Uslaner, E.
TuTh 12:30pm-1:45pm (TYD 1102)
Th 4:00pm-4:50pm (JMZ 1124) Dis

GVPT475 The Presidency and the Executive Branch; (3) REG/P-F/AUD. *Prerequisite: GVPT 170.*
0101 **(30401)** STAFF
TuTh 1:00pm-2:15pm (LEF 1201)

GVPT484 Government and Politics of Africa; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(30421)** Wilson, E.
TuTh 2:00pm-3:15pm (TYD 0102)

GVPT486 Comparative Studies in European Politics; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(30431)** Heisler, M.
W 3:30pm-6:15pm (TYD 2111)

GVPT492 The Comparative Politics of Race Relations; (3) REG/P-F/AUD. *Prerequisite: GVPT 280 or GVPT 282.*
0101 **(30441)** Johnson, O.
TuTh 2:00pm-3:15pm (TYD 0111)

GVPT622 Quantitative Methods For Political Science; (3) REG/AUD.
0101 **(30451)** Swistak, P.
M 12:30pm-3:15pm (HJP 1229)

GVPT700 Scope and Method of Political Science; (3) REG/AUD.
0101 **(30461)** Soltan, K.
M 6:30pm-9:15pm (TYD 0102)

GVPT708 Seminar in International Relations Theory; (3) REG/AUD.
0101 **(30471)** Phillips, W.
M 3:30pm-6:15pm (KEY 0116)

GVPT780 Seminar in the Comparative Study of Politics; (3) REG/AUD.
0101 **(30481)** Johnson, O.
M 3:30pm-6:15pm (TYD 1128)

GVPT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

GVPT828B Selected Problems in Political Behavior: States and Markets; (3) REG/AUD.
0101 **(30530)** Haufler, V.
Tu 6:30pm-9:15pm (TYD 0111)

GVPT828C Selected Problems in Political Behavior: Leadership and Political Change; (3) REG/AUD.
0101 **(30540)** Stone, C.
M 6:30pm-9:15pm (TYD 0101)

GVPT831 Formal Theories of Politics I; (3) REG/AUD.
0101 **(30550)** Oppenheimer, J.
W 3:30pm-6:15pm (TYD 1132)

GVPT841 Great Political Thinkers; (3) REG/AUD. *Prerequisite: GVPT 441.*
0101 **(30560)** Glass, J.
W 6:30pm-9:15pm (TYD 1132)

GVPT846 Theories of Democracy; (3) REG/AUD. *Prerequisite: GVPT 442.*
0101 **(30570)** Terchek, R.
W 3:30pm-6:15pm (TYD 0102)

GVPT848 Current Problems in Political Theory; (3) REG/AUD.
0101 **(30580)** Alford, C.
Tu 6:30pm-9:15pm (TYD 0101)

GVPT859A Selected Topics in Public Policy: American Social Policy; (3) REG/AUD.
0101 **(30590)** Williams, L.
Tu 3:30pm-6:15pm (TYD 1128)

GVPT859B Selected Topics in Public Policy: Proseminar in Politics, Philosophy and Public Policy; (3) REG/AUD. Course is team taught by Dr. K. Soltan, Dr. P. Levine, and Dr. J. Lichtenberg.
0101 **(30600)** Soltan, K.
W 1:00pm-3:30pm (VMH 1109)

GVPT868 Problems of State and Local Government: State and Local and Government; (3) REG/AUD.
0101 **(30610)** Marando, V.
Tu 3:30pm-6:15pm (TYD 1114)

GVPT873 Seminar in Legislatures and Legislation; (3) REG/AUD.
0101 **(30620)** Uslaner, E.
Th 3:30pm-6:15pm (TYD 1132)

GVPT874 Seminar in Political Parties and Politics; (3) REG/AUD.
0101 **(30630)** Herrnson, P.
W 3:30pm-6:15pm (TYD 1101)

GVPT878A Problems in American Government and Politics: Law, Politics and Telecommunications; (3) REG/AUD.
0101 **(30640)** McIntosh, W.
W 6:30pm-9:15pm (TYD 1128)

GVPT880 Civil Conflict: Theory and Research; (3) REG/AUD. *Recommended: GVPT 780.*
0101 **(30650)** Gurr, T.
Th 3:30pm-6:15pm (TYD 1114)

GVPT886 Comparative Governmental Institutions: Europe; (3) REG/AUD.
0101 **(30660)** Heisler, M.
W 3:30pm-6:15pm (TLF 2101)

GVPT888A Selected Topics in Comparative Governmental Institutions: Qualitative Research Methods; (3) REG/AUD.
0101 **(30670)** Schreurs, M.
Th 6:30pm-9:15pm (TYD 2111)

GVPT888B Selected Topics in Comparative Governmental Institutions: Comparative Political Economy; (3) REG/AUD.
0101 **(30680)** Wilson, E.
Th 3:30pm-6:15pm (TYD 0111)

GVPT889 Selected Topics in Area Problems in International Relations; (3) REG/AUD.
0101 **(30690)** Tismaneanu, V.
Tu 3:30pm-6:15pm (TYD 0111)

GVPT898 *(PermReq)* **Readings in Government and Politics; (3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

GVPT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HEBR Hebrew
(Arts and Humanities)

For other courses, see JWST - Jewish Studies. Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy.

HEBR111 Elementary Hebrew I; (6) REG/P-F/AUD. For beginners. This course meets six hours per week for 6 credits.
0101 **(30831)** STAFF
MWF 9:00am-10:50am (JMZ 1224)
0201 **(30832)** Levy, N.
MWF 11:00am-12:50pm (JMZ 1224)
0301 **(30833)** STAFF
MWF 9:00am-10:50am (JMZ 1226)
0401 **(30834)** STAFF
MWF 11:00am-12:50pm (JMZ 1226)

HEBR211 Intermediate Hebrew I; (6) REG/P-F/AUD. *Prerequisite: HEBR 112 or equivalent.* Individual testing required for placement first week of class.
0101 **(30844)** Fradkin, R.
MWF 11:00am-12:50pm (JMZ 1124)

HEBR313 Conversation and Composition I; (3) REG/P-F/AUD. *Prerequisite: HEBR 212 or equivalent.*
0101 **(30854)** STAFF
MW 9:00am-10:15am (JMZ 2102)

HEBR381 Advanced Conversation and Composition; (3) REG/P-F/AUD. *Prerequisite: HEBR 314 or permission of department.*
0101 **(30864)** STAFF
MW 1:00pm-2:15pm (JMZ 1123)

HEBR498I *(PermReq)* **Special Topics in Hebrew; (3)** REG.
0101 **(30874)** STAFF
Time and room to be arranged

HESP Hearing and Speech Sciences
(Behavioral and Social Sciences)

HESP120 Introduction to Linguistics; (3) REG/P-F/AUD. CORE: SB
0101 **(30924)** Arnold, M.
TuTh 11:00am-12:15pm (LEF 2208)

HESP202 Introduction to Hearing and Speech Sciences; (3) REG/P-F/AUD. Hearing and speech majors and non-majors.
0101 **(30934)** Walker, M.
MWF 9:00am-9:50am (LEF 2205)

HESP300 Introduction to Psycholinguistics; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(30944)** Haarmann, H.
TuTh 12:30pm-1:45pm (MMH 1400)

HESP305 Anatomy and Physiology of the Speech Mechanism; (3) REG/P-F/AUD. *Prerequisite: HESP 202.* Course chairman: McCall, Gerald. Offered fall only.
0101 **(30954)** McCall, G.
MWF 10:00am-10:50am (LEF 2208)

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3) REG/P-F/AUD. *Prerequisite: HESP 202.*
0101 **(30964)** STAFF
TuTh 3:30pm-4:45pm (JMZ 2206)

HESP386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

HESP400 Speech and Language Development in Children; (3) REG/P-F/AUD. *Prerequisite: HESP 300.*
0101 **(30987)** Roth, F.
TuTh 9:30am-10:45am (LEF 1201)

HESP403 Introduction to Phonetic Science; (3) REG/P-F/AUD. *Prerequisite: HESP 305.*
0101 **(30997)** Walker, M.
MW 3:00pm-4:15pm (SQH 1119)
M 2:15pm-3:00pm (SQH 1119) Dis

HESP407 Bases of Hearing Science; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(31007)** Zeng, F.
TuTh 3:30pm-4:45pm (LEF 2166)

HESP411 Introduction to Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 311.*
0101 **(31017)** STAFF
TuTh 2:00pm-3:15pm (LEF 2208)

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3) REG/P-F/AUD. *Prerequisite: HESP 402, HESP 411.* Course is team taught by E.Brigham and K. Hart-Litz. Offered fall only.
0101 **(31027)** Palmer, S.
MF 1:00pm-1:50pm (LEF 2208)
W 12:00pm-1:50pm (LEF 2208) Lab

HESP499 *(PermReq)* **Independent Study: Topics in the Hearing and Speech Sciences; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

HESP600 *(PermReq)* **Instrumentation in Hearing and Speech Sciences; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(31052)** Fitzgibbons, P.
Th 3:30pm-6:00pm (LEF 0104A)

HESP604 *(PermReq)* **Acoustical and Perceptual Phonetics; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(31062)** Yeni-Komshian, G.
Tu 3:30pm-6:00pm (LEF 0135)

HESP606 Basic Hearing Measurements; (3) REG/AUD. *Prerequisite: HESP 411 or equivalent.* Offered fall only.
0101 **(31072)** Gordon-Salant, S.
F 1:00pm-3:30pm (LEF 0135)

HESP612 *(PermReq)* **Fluency Disorders; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(31082)** Ratner, N.
Tu 1:00pm-3:30pm (LEF 0135)

HESP614 *(PermReq)* **Orofacial Anomalies; (3)** REG/AUD. *Prerequisite: permission of department.* Offered fall only.
0101 **(31092)** McCall, G.
M 1:00pm-3:30pm (LEF 0135)

HESP616 Language Disorders in Children; (3) REG/AUD. *Prerequisite: HESP 400 or equivalent or permission of department.* Offered fall only.
0101 **(31102)** Roth, F.
Th 1:00pm-3:30pm (LEF 0135)

HESP622 *(PermReq)* **Neuromotor Disorders of Speech; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(31112)** Battles, K.
Th 4:30pm-7:00pm (LEF 1220)

HESP630 Electrophysiological Measurements; (3) REG/AUD. *Prerequisite: HESP 606 or permission of department.* Offered fall only.
0101 **(31122)** Balfour, P.
Th 3:30pm-6:00pm (LEF 0135)

HESP638 *(PermReq)* **Research Practicum; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP648A *(PermReq)* **Clinical Practice in Speech: Diagnostic Procedures; (1)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP648B *(PermReq)* **Clinical Practice in Speech: Therapeutic Procedures; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Roth. Majors only.

HESP649A *(PermReq)* **Clinical Practice in Audiology: Diagnostic Audiology; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP702 Diagnostic Procedures in Speech-Language Pathology; (3) REG/AUD. Offered fall only.
0101 **(31166)** Worthington, C.
Th 9:30am-12:00pm (LEF 0135)

HESP706 Advanced Clinical Audiology; (3) REG/AUD. *Prerequisite: HESP 606 or equivalent.* Offered fall only.
0101 **(31176)** Brewer, C.
W 3:30pm-6:00pm (LEF 0104A)

HESP708 *(PermReq)* **Independent Study; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HESP728 *(PermReq)* **Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Ratner. Majors only.

HESP729 *(PermReq)* **Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number. Course chairman: Gordon-Salant. Majors only.

HESP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HESP858 Seminar in Speech Pathology; (3) REG.
0101 **(31204)** Ratner, N.
Time and room to be arranged

HESP878 *(PermReq)* **Seminar in Language Disorders; (3)** REG/AUD. Prerequisite: permission of instructor required.
0101 **(31214)** Haarmann, H.
M 3:30pm-6:00pm (LEF 1222)

HESP899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HISP Historic Preservation
(Architecture)

HISP600 Seminar in Historic Preservation; (3) REG/AUD.
0101 **(31281)** STAFF
M 7:00pm-9:40pm (ARC 1123)

HISP619 Special Topics in Historic Preservation; (3) REG/AUD.
0101 **(31291)** Flack, J.
Time and room to be arranged

HISP679 Measured Drawings for Historic Preservation; (3) REG/AUD.
0101 **(31301)** Capen, J.
Time and room to be arranged
Time and room to be arranged Dis

HISP700 Final Seminar in Historic Preservation; (3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST History
(Arts and Humanities)

HIST110 The Ancient World; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 130.*
0101 **(31361)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
M 12:00pm-12:50pm (KEY 0117) Dis
0102 **(31362)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
M 1:00pm-1:50pm (KEY 0117) Dis
0103 **(31363)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
F 12:00pm-12:50pm (KEY 0119) Dis
0104 **(31364)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
F 1:00pm-1:50pm (KEY 0119) Dis
0105 **(31365)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Tu 2:00pm-2:50pm (TLF 1103) Dis
0106 **(31366)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Th 12:00pm-12:50pm (JMZ 2125) Dis
0107 **(31367)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Tu 1:00pm-1:50pm (JMZ 0118) Dis
0108 **(31368)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Th 2:00pm-2:50pm (JMZ 0125) Dis
0109 **(31369)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Tu 2:00pm-2:50pm (ARM 0116) Dis
0110 **(31370)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Th 2:00pm-2:50pm (ARM 0116) Dis
0111 **(31371)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
M 1:00pm-1:50pm (KEY 0123) Dis
0112 **(31372)** Holum, K.
TuTh 9:00am-9:50am (KEY 0106)
Tu 2:00pm-2:50pm (KEY 0121) Dis

HIST111 The Medieval World; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 131.*
0101 **(31382)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
M 12:00pm-12:50pm (SKN 1115) Dis
0102 **(31383)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Tu 2:00pm-2:50pm (ARM 0117) Dis
0104 **(31384)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Th 2:00pm-2:50pm (ARM 0117) Dis
0105 **(31385)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
F 11:00am-11:50am (TLF 1101) Dis
0106 **(31386)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
M 12:00pm-12:50pm (ARM 0108) Dis
0107 **(31387)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Tu 9:00am-9:50am (ARM 0118) Dis
0108 **(31388)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Th 10:00am-10:50am (KEY 0119) Dis
0109 **(31389)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
F 9:00am-9:50am (ARM 0103) Dis
0110 **(31390)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
M 2:00pm-2:50pm (TLF 1103) Dis
0111 **(31391)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Tu 10:00am-10:50am (JMZ 0103) Dis
0112 **(31392)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Th 1:00pm-1:50pm (JMZ 0118) Dis

HIST111H The Medieval World; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 131.* For general honors students only.
0101 **(31402)** Rutenburg, J.
TuTh 12:00pm-12:50pm (ARM 0131)
Th 2:00pm-2:50pm (JMZ 1103) Dis

HIST112 The Rise of the West: 1500 - 1789; (3) REG/P-F/AUD. CORE: HO *Formerly HIST 132.*
0101 **(31412)** Miller, P.
TuTh 11:00am-12:15pm (KEY 0125)

HIST113 Modern Europe: 1789 - Present; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 133.*
0101 **(31422)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
F 2:00pm-2:50pm (TYD 0102) Dis
0102 **(31423)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
F 11:00am-11:50am (TYD 0111) Dis
0103 **(31424)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
F 12:00pm-12:50pm (TYD 0117) Dis
0104 **(31425)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
W 9:00am-9:50am (TYD 1128) Dis
0105 **(31426)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
F 11:00am-11:50am (TYD 1128) Dis
0106 **(31427)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
M 1:00pm-1:50pm (TYD 1128) Dis
0107 **(31428)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
F 11:00am-11:50am (TYD 1132) Dis
0108 **(31429)** Wetzell, R.
MW 10:00am-10:50am (JMZ 0220)
M 2:00pm-2:50pm (WDS 0104) Dis

HIST120 Islamic Civilization; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 280.*
0101 **(31439)** Ali, I.
TuTh 11:00am-12:15pm (KEY 0103)

HIST122 African Civilization to 1800; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Formerly HIST 290.*
0101 **(31449)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
F 2:00pm-2:50pm (WDS 0104) Dis
0102 **(31450)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
Th 9:00am-9:50am (WDS 1127) Dis
0103 **(31451)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
Th 10:00am-10:50am (WDS 1127) Dis
0104 **(31452)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
Th 9:00am-9:50am (WDS 1130) Dis
0105 **(31453)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
Th 10:00am-10:50am (WDS 1130) Dis
0106 **(31454)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
Th 2:00pm-2:50pm (KEY 0121) Dis
0107 **(31455)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (WDS 1130) Dis
0108 **(31456)** STAFF
MW 12:00pm-12:50pm (KEY 0106)
W 12:00pm-12:50pm (ARM 0103) Dis

HIST156 History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(31466)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (WDS 1131) Dis
0102 **(31467)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
W 9:00am-9:50am (ARM 0101) Dis
0103 **(31468)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
W 10:00am-10:50am (ARM 0103) Dis
0104 **(31469)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 9:00am-9:50am (ARM 0101) Dis
0105 **(31470)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 11:00am-11:50am (ARM 0101) Dis
0106 **(31471)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 12:00pm-12:50pm (ARM 0101) Dis
0107 **(31472)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 1:00pm-1:50pm (ARM 0101) Dis
0108 **(31473)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 2:00pm-2:50pm (ARM 0101) Dis
0109 **(31474)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
Tu 2:00pm-2:50pm (ARM 0101) Dis
0110 **(31475)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
M 1:00pm-1:50pm (ARM 0101) Dis
0111 **(31476)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
Th 1:00pm-1:50pm (ARM 0102) Dis
0112 **(31477)** Berlin, I.
TuTh 10:00am-10:50am (KEY 0106)
F 1:00pm-1:50pm (ARM 0102) Dis
0201 **(31478)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
F 2:00pm-2:50pm (ARM 0102) Dis
0202 **(31479)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
Tu 2:00pm-2:50pm (ARM 0105) Dis
0203 **(31480)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
M 12:00pm-12:50pm (ARM 0105) Dis
0204 **(31481)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
M 1:00pm-1:50pm (ARM 0105) Dis
0205 **(31482)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
M 2:00pm-2:50pm (ARM 0105) Dis
0206 **(31483)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
F 2:00pm-2:50pm (ARM 0105) Dis
0207 **(31484)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)

F 1:00pm-1:50pm (ARM 0105) Dis
0208 **(31485)** STAFF, ..
MW 11:00am-11:50am (KEY 0106)
Tu 10:00am-10:50am (ARM 0118) Dis
0301 **(31486)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (ARM 0118) Dis
0302 **(31487)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
Th 9:00am-9:50am (ARM 0118) Dis
0304 **(31488)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
M 10:00am-10:50am (ARM 0118) Dis
0305 **(31489)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
Tu 9:00am-9:50am (JMZ 0103) Dis
0306 **(31490)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
Th 10:00am-10:50am (JMZ 0103) Dis
0307 **(31491)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
F 11:00am-11:50am (ARM 0118) Dis
0308 **(31492)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
F 9:00am-9:50am (ARC 1103) Dis

HIST156H History of the United States to 1865; (3) REG/P-F/AUD. CORE: SH For general honors students only.
0301 **(31502)** Olson, A.
TuTh 11:00am-11:50am (KEY 0106)
Tu 1:00pm-1:50pm (KEY 3111) Dis

HIST157 History of the United States Since 1865; (3) REG/P-F/AUD. CORE: SH
0101 **(31512)** STAFF
MW 9:00am-9:50am (KEY 0106)
M 2:00pm-2:50pm (ARM 0120) Dis
0102 **(31513)** STAFF
MW 9:00am-9:50am (KEY 0106)
F 1:00pm-1:50pm (ARM 0120) Dis
0103 **(31514)** STAFF
MW 9:00am-9:50am (KEY 0106)
F 2:00pm-2:50pm (ARM 0120) Dis
0104 **(31515)** STAFF
MW 9:00am-9:50am (KEY 0106)
W 11:00am-11:50am (ARM 0118) Dis
0105 **(31516)** STAFF
MW 9:00am-9:50am (KEY 0106)
W 10:00am-10:50am (ARM 0118) Dis
0106 **(31517)** STAFF
MW 9:00am-9:50am (KEY 0106)
Th 9:00am-9:50am (JMZ 2117) Dis
0107 **(31518)** STAFF
MW 9:00am-9:50am (KEY 0106)
Th 12:00pm-12:50pm (JMZ 2117) Dis
0108 **(31519)** STAFF
MW 9:00am-9:50am (KEY 0106)
Tu 11:00am-11:50am (JMZ 2102) Dis
0109 **(31520)** STAFF
MW 9:00am-9:50am (KEY 0106)
Th 10:00am-10:50am (JMZ 2120) Dis
0110 **(31521)** STAFF
MW 9:00am-9:50am (KEY 0106)
Th 1:00pm-1:50pm (JMZ 2120) Dis
0111 **(31522)** STAFF
MW 9:00am-9:50am (KEY 0106)
W 9:00am-9:50am (ARM 0103) Dis
0112 **(31523)** STAFF
MW 9:00am-9:50am (KEY 0106)
Th 10:00am-10:50am (JMZ 2122) Dis
0201 **(31524)** STAFF
MW 10:00am-10:50am (KEY 0106)
Th 11:00am-11:50am (JMZ 2122) Dis
0202 **(31525)** STAFF
MW 10:00am-10:50am (KEY 0106)
Tu 10:00am-10:50am (JMZ 2125) Dis
0203 **(31526)** STAFF
MW 10:00am-10:50am (KEY 0106)
Tu 12:00pm-12:50pm (JMZ 2125) Dis
0204 **(31527)** STAFF
MW 10:00am-10:50am (KEY 0106)
Tu 1:00pm-1:50pm (JMZ 2125) Dis
0205 **(31528)** STAFF
MW 10:00am-10:50am (KEY 0106)
F 12:00pm-12:50pm (KEY 0117) Dis
0206 **(31529)** STAFF
MW 10:00am-10:50am (KEY 0106)
M 2:00pm-2:50pm (KEY 0119) Dis
0207 **(31530)** STAFF
MW 10:00am-10:50am (KEY 0106)
W 2:00pm-2:50pm (KEY 0119) Dis
0208 **(31531)** STAFF
MW 10:00am-10:50am (KEY 0106)
F 12:00pm-12:50pm (KEY 0116) Dis
0209 **(31532)** STAFF
MW 10:00am-10:50am (KEY 0106)
F 2:00pm-2:50pm (KEY 0123) Dis
0210 **(31533)** STAFF
MW 10:00am-10:50am (KEY 0106)
M 12:00pm-12:50pm (KEY 0124) Dis
0211 **(31534)** STAFF
MW 10:00am-10:50am (KEY 0106)
M 1:00pm-1:50pm (KEY 0124) Dis
0212 **(31535)** STAFF
MW 10:00am-10:50am (KEY 0106)
F 1:00pm-1:50pm (KEY 0124) Dis
0301 **(31536)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
F 2:00pm-2:50pm (KEY 0124) Dis
0302 **(31537)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
W 12:00pm-12:50pm (KEY 0124) Dis
0303 **(31538)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
F 12:00pm-12:50pm (KEY 0125) Dis
0304 **(31539)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
W 2:00pm-2:50pm (KEY 0125) Dis
0305 **(31540)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
F 2:00pm-2:50pm (KEY 0125) Dis
0306 **(31541)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
M 12:00pm-12:50pm (KEY 0126) Dis
0307 **(31542)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 2:00pm-2:50pm (BPS 1234) Dis
0308 **(31543)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
M 12:00pm-12:50pm (LEF 1222) Dis
0309 **(31544)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
F 12:00pm-12:50pm (LEF 1222) Dis
0310 **(31545)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
Th 1:00pm-1:50pm (LEF 1222) Dis
0311 **(31546)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 11:00am-11:50am (LEF 1222) Dis
0312 **(31547)** Ridgway, W.
TuTh 1:00pm-1:50pm (KEY 0106)
Tu 12:00pm-12:50pm (LEF 1222) Dis
0401 **(31548)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
Tu 2:00pm-2:50pm (LEF 1222) Dis
0404 **(31549)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (LEF 2166) Dis
0405 **(31550)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
W 10:00am-10:50am (LEF 2166) Dis
0406 **(31551)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
M 10:00am-10:50am (ARC 1125) Dis
0407 **(31552)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
F 11:00am-11:50am (JMP 2202) Dis
0409 **(31553)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
F 10:00am-10:50am (ARM 0121) Dis
0410 **(31554)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
F 11:00am-11:50am (SKN 0104) Dis
0411 **(31555)** Smead, E.
MW 1:00pm-1:50pm (KEY 0106)
F 12:00pm-12:50pm (KEY 0103) Dis

HIST175 Science and Technology in Western Civilization; (3) REG/P-F/AUD. CORE: SH *Formerly HIST 201.*
0101 **(31565)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Tu 9:00am-9:50am (ASY 3217) Dis
0102 **(31566)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Tu 10:00am-10:50am (JMZ 2123) Dis
0103 **(31567)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Tu 1:00pm-1:50pm (JMZ 1103) Dis
0104 **(31568)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Tu 2:00pm-2:50pm (LEF 1220) Dis
0105 **(31569)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Th 9:00am-9:50am (JMZ 1120) Dis
0106 **(31570)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Th 10:00am-10:50am (COL 3114) Dis
0107 **(31571)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Th 1:00pm-1:50pm (ARC 1125) Dis
0108 **(31572)** Friedel, R.
MW 10:00am-10:50am (SHM 2102)
Th 2:00pm-2:50pm (ASY 3203) Dis

HIST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as WMST 211. Credit will be granted for only one of the following: HIST 211 or WMST 211.*
0101 **(31582)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (KEY 0126) Dis
0102 **(31583)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 2:00pm-2:50pm (JMZ 1117) Dis
0103 **(31584)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 1:00pm-1:50pm (JMZ 0120) Dis
0104 **(31585)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (TWS 2228) Dis
0105 **(31586)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (TWS 2228) Dis
0106 **(31587)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 1:00pm-1:50pm (TWS 2228) Dis
0107 **(31588)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 2:00pm-2:50pm (TYD 1128) Dis
0108 **(31589)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 11:00am-11:50am (WDS 0104) Dis

HIST219D Special Topics in History: Issues in Latin American Studies; (3) REG/P-F/AUD.
0101 **(31599)** Williams, D.
MW 12:00pm-12:50pm (KEY 0102)
W 9:00pm-9:50pm (KEY 0117) Dis
0102 **(31600)** Williams, D.
MW 12:00pm-12:50pm (KEY 0102)
Tu 2:00pm-2:50pm (JMZ 1104) Dis
0103 **(31601)** Williams, D.
MW 12:00pm-12:50pm (KEY 0102)
W 9:00pm-9:50pm (KEY 0120) Dis
0104 **(31602)** Williams, D.
MW 12:00pm-12:50pm (KEY 0102)
Th 2:00pm-2:50pm (JMZ 1104) Dis

HIST219H Special Topics in History: Mythologies of the City: Petersburg and Moscow in Russian History and Culture; (3) REG/P-F/AUD. For Honors students only.
0101 **(31603)** David-Fox, M.
Th 2:00pm-4:30pm (JMZ 0120)

HIST219I Special Topics in History: The Jew and the City; (3) REG/P-F/AUD. Crosslisted with JWST 219D.
0101 **(31609)** Cooperman, B.
MWF 10:00am-10:50am (KEY 1117)

HIST219J Special Topics in History: Afro-American History to 1865; (3) REG/P-F/AUD.
0101 **(31619)** Barkley Brown, E.
TuTh 2:00pm-3:15pm (KEY 0103)

HIST219K Special Topics in History: The Methods of African History: An East African Introduction; (3) REG/P-F/AUD.
0101 **(31629)** Bravman, W.
MW 12:30pm-1:45pm (LEF 1221)

HIST219W Special Topics in History: Introduction to the Study of World Religions; (3) REG/P-F/AUD.
0101 **(31639)** Lapin, H.
MW 2:00pm-3:15pm (KEY 0124)

HIST219Z Special Topics in History: Native American History to 1900; (3) REG/P-F/AUD.
0101 **(31649)** Brooks, J.
MW 12:30pm-1:45pm (LEF 1201)

HIST224 Modern Military History, 1494-1815; (3) REG/P-F/AUD.
0101 **(31659)** Sumida, J.
TuTh 9:30am-10:45am (BPS 1236)

HIST235 History of Britain 1461 to 1714; (3) REG/P-F/AUD. CORE: SH
0101 **(31669)** Breslow, M.
TuTh 9:30am-10:45am (KEY 0103)

HIST250 Latin American History I; (3) REG/P-F/AUD. CORE: SH DIVERSITY
0101 **(31679)** STAFF, ..
TuTh 10:00am-10:50am (KEY 0102)
M 12:00pm-12:50pm (WDS 0104) Dis
0102 **(31680)** STAFF, ..
TuTh 10:00am-10:50am (KEY 0102)
W 11:00am-11:50am (WDS 0104) Dis
0103 **(31681)** STAFF, ..
TuTh 10:00am-10:50am (KEY 0102)
Th 9:00am-9:50am (KEY 0119) Dis
0104 **(31682)** STAFF, ..
TuTh 10:00am-10:50am (KEY 0102)
Tu 9:00am-9:50am (JMZ 0125) Dis

HIST266 The United States in World Affairs; (3) REG/P-F/AUD. CORE: SH
0101 **(31692)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
F 12:00pm-12:50pm (BPS 1234) Dis
0102 **(31693)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
F 1:00pm-1:50pm (BPS 1234) Dis
0103 **(31694)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
W 11:00am-11:50am (ARM 0105) Dis
0104 **(31695)** Zhang, S.
MW 1:00pm-1:50pm (KEY 0102)
M 11:00am-11:50am (ARM 0105) Dis

HIST280 Reconstructing the Civilization of Ancient Mesopotamia; (3) REG. *Also offered as JWST 227. Not open to students who have completed HEBR 440. Credit will be granted for only one of the following: HIST 280 or JWST 227. Formerly HEBR 440.*
0101 **(31705)** Cohen, M.
MW 12:30pm-1:45pm (KEY 0121)

HIST282 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as JWST 234. Credit will be granted for only one of the following: HIST 282 or JWST 234.*
0101 **(31715)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 9:00am-9:50am (JMZ 0120) Dis
0102 **(31716)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 1:00pm-1:50pm (HBK 0125) Dis
0103 **(31717)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 10:00am-10:50am (ARM 0102) Dis
0104 **(31718)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 12:00pm-12:50pm (LEF 1221) Dis
0105 **(31719)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
W 9:00am-9:50am (ARM 0102) Dis
0106 **(31720)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 1:00pm-1:50pm (ARC 1125) Dis
0107 **(31721)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 10:00am-10:50am (TLF 1101) Dis
0108 **(31722)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 12:00pm-12:50pm (ARC 1121) Dis

HIST284 East Asian Civilization I; (3) REG/P-F/AUD.
0101 **(31732)** Lilley, C.
TuTh 12:30pm-1:45pm (KEY 0126)

HIST306 History of Religion in America; (3) REG/P-F/AUD.
0101 **(31742)** Bradbury, M.
TuTh 2:00pm-3:15pm (WDS 1114)

HIST309A Proseminar in Historical Writing: Early American History; (3) REG/P-F/AUD. CORE: CS
0101 **(31752)** Bradbury, M.
Th 10:00am-12:00pm (KEY 0107)
Time and room to be arranged Dis

HIST309D Proseminar in Historical Writing: The Social History of Urban America; (3) REG/P-F/AUD. CORE: CS
0101 **(31762)** Flack, J.
Tu 10:00am-12:00pm (KEY 1118)
Time and room to be arranged Dis

HIST309I Proseminar in Historical Writing: Twentieth Century U.S. Foreign Relations; (3) REG/P-F/AUD. CORE: CS
0101 **(31772)** Zhang, S.
W 4:00pm-6:00pm (KEY 3111)
Time and room to be arranged Dis

HIST309M Proseminar in Historical Writing: Marranos, Mystics, and Messiahs in Early Modern Jewry; (3) REG/P-F/AUD. CORE: CS
0101 **(31782)** Cooperman, B.
W 2:00pm-4:00pm (KEY 2119)

HIST309O Proseminar in Historical Writing: European and American Women and Gender; (3) REG/P-F/AUD. CORE: CS
0101 **(31792)** Gullickson, G.
Tu 3:00pm-5:00pm (KEY 0107)

HIST309P Proseminar in Historical Writing: 20th-Century African American History; (3) REG/P-F/AUD. CORE: CS
0101 **(31802)** Moss, A.
W 10:00am-12:00pm (KEY 1118)

HIST309R Proseminar in Historical Writing: Weimar and Nazi Germany; (3) REG/P-F/AUD. CORE: CS
0101 **(31812)** Wetzell, R.
M 11:00am-1:00pm (KEY 1118)

HIST309S Proseminar in Historical Writing: The U.S. in the 20th Century; (3) REG/P-F/AUD. CORE: CS
0101 **(31822)** STAFF
Th 1:00pm-3:00pm (KEY 3111)

HIST309Y Proseminar in Historical Writing: Topics in Modern British History; (3) REG/P-F/AUD. CORE: CS
0101 **(31832)** Price, R.
W 3:00pm-5:00pm (KEY 1118)
Time and room to be arranged Dis

HIST319B Special Topics in History: The Black Atlantic World (1450-1900); (3) REG/P-F/AUD.
0101 **(31842)** Palmie, S.
TuTh 12:30pm-1:45pm (TLF 1101)

HIST319H Special Topics in History: The History of Cultural History: Herodotus to Benjamin; (3) REG/P-F/AUD. For Honors students only.
0101 **(31843)** Miller, P.
Th 1:00pm-3:00pm (KEY 0107)

HIST326 The Roman Republic; (3) REG/P-F/AUD.
0101 **(31852)** Eckstein, A.
MWF 10:00am-10:50am (KEY 0126)

HIST331 Europe in the High Middle Ages: 1000-1250; (3) REG/P-F/AUD.
0101 **(31862)** Bedos-Rezak, B.
TuTh 9:30am-10:45am (KEY 1117)

HIST337 Europe in the World Setting of the 20th Century; (3) REG/P-F/AUD.
0101 **(31872)** Lampe, J.
TuTh 2:00pm-3:15pm (KEY 1117)

HIST351 Social History of Washington, D.C.; (3) REG/P-F/AUD. Students must be available from 10am-1pm on six different Fridays throughout the semester. For further information, contact the instructor.
0101 **(31882)** Flack, J.
MWF 11:00am-11:50am (KEY 0103)

HIST356 Emergence of Modern America, 1900-1945; (3) REG/P-F/AUD. *Recommended: HIST 157 or HIST 211. Credit will be granted for only one of the following: HIST 356 and HIST 365 or HIST 366.*
0101 **(31892)** Gerstle, G.
MW 12:30pm-1:45pm (KEY 0116)

HIST357 Recent America: 1945-Present; (3) REG/P-F/AUD. *Recommended: HIST 157 or HIST 356. Credit will be granted for only one of the following: HIST 357 or HIST 367.*
0101 **(31902)** Olson, K.
TuTh 9:30am-10:45am (KEY 0125)

HIST374 Modern Jewish History I: The Road to Emancipation, 1650-1870; (3) REG/P-F/AUD. *Also offered as JWST 343. Credit will be granted for only one of the following: HIST 374 or JWST 343.*
0101 **(31912)** Rozenblit, M.
MW 2:00pm-3:15pm (KEY 0116)

HIST386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(31922)** Flack, J.
Time and room to be arranged

HIST395 *(PermReq)* **Honors Colloquium I; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For HIST majors only.*
0101 **(31932)** Eckstein, A.
M 2:00pm-4:00pm (KEY 1118)
Time and room to be arranged Dis

HIST401 The Scientific Revolution: From Copernicus to Newton; (3) REG/P-F/AUD.
0101 **(31942)** STAFF
TuTh 2:00pm-3:15pm (PLS 1111)

HIST406 History of Technology; (3) REG/P-F/AUD. *Not open to students who have completed HIST 407 prior to Fall Semester, 1989.*
0101 **(31952)** Friedel, R.
MW 2:00pm-3:15pm (KEY 1117)

HIST419C Special Topics in History: Pre-colonial Mexico; (3) REG/P-F/AUD.
0101 **(31962)** STAFF
TuTh 12:30pm-1:45pm (KEY 0116)

HIST419E Special Topics in History: Readings in Southern African History; (3) REG/P-F/AUD.
0101 **(31972)** STAFF, ..
MW 2:00pm-3:15pm (KEY 0121)

HIST419F *(PermReq)* **Special Topics in History: Paleography: Script and Society in Medieval Europe; (3)** REG/P-F/AUD. Prerequisite: permission of instructor.
0101 **(31982)** Bedos-Rezak, B.
Tu 3:30pm-6:00pm (KEY 3111)

HIST419L Special Topics in History: Cultural History of the Chinese Revolution; (3) REG/P-F/AUD.
0101 **(32012)** Gao, J.
MW 3:30pm-4:45pm (KEY 0124)

HIST419M Special Topics in History: Women and Gender in Japan; (3) REG/P-F/AUD.
0101 **(32022)** Mayo, M.
TuTh 2:00pm-3:15pm (KEY 0124)

HIST422 Byzantine Empire I; (3) REG/P-F/AUD.
0101 **(32032)** Majeska, G.
MWF 10:00am-10:50am (KEY 0116)

HIST425 Imperial Russia; (3) REG/P-F/AUD.
0101 **(32042)** David-Fox, M.
TuTh 12:30pm-1:45pm (KEY 1117)

HIST426 Age of Industry: Britain 1760 to 1914; (3) REG/P-F/AUD.
0101 **(32052)** Price, R.
MW 12:30pm-1:45pm (KEY 0125)

HIST430 Tudor England; (3) REG/P-F/AUD.
0101 **(32062)** Breslow, M.
TuTh 2:00pm-3:15pm (KEY 0126)

HIST437 Modern France from Napoleon to DeGaulle; (3) REG/P-F/AUD.
0101 **(32072)** Sutherland, D.
TuTh 12:30pm-1:45pm (KEY 0103)

HIST445 Twentieth-Century European Diplomatic History; (3) REG/P-F/AUD.
0101 **(32082)** Kent, G.

TuTh 9:30am-10:45am (KEY 0126)

HIST454 Constitutional History of the United States: From Colonial Origins to 1860; (3) REG/P-F/AUD.
0101 **(32092)** Belz, H.
TuTh 9:30am-10:45am (KEY 0116)

HIST456 History of American Culture and Ideas to 1865; (3) REG/P-F/AUD.
0101 **(32102)** Gilbert, J.
TuTh 11:00am-12:15pm (KEY 1117)

HIST461 Blacks in American Life: 1865 to Present; (3) REG/P-F/AUD. DIVERSITY
0101 **(32112)** Moss, A.
MW 2:00pm-3:15pm (KEY 0126)

HIST462 The United States Civil War; (3) REG/P-F/AUD.
0101 **(32122)** STAFF, ..
TuTh 8:00am-9:15am (KEY 1117)

HIST471 History of Brazil; (3) REG/P-F/AUD.
0101 **(32132)** Williams, D.
MW 2:00pm-3:15pm (JMZ 1124)

HIST473 History of the Caribbean; (3) REG/P-F/AUD. DIVERSITY
0101 **(32142)** Palmie, S.
TuTh 3:30pm-5:00pm (KEY 0126)

HIST480 History of Traditional China; (3) REG/P-F/AUD.
0101 **(32152)** Gao, J.
MW 12:30pm-1:45pm (KEY 0103)

HIST482 History of Japan to 1800; (3) REG/P-F/AUD.
0101 **(32162)** Mayo, M.
TuTh 11:00am-12:15pm (KEY 0126)

HIST491 History of the Ottoman Empire; (3) REG/P-F/AUD. DIVERSITY
0101 **(32172)** Zilfi, M.
M 1:00pm-3:30pm (KEY 2119)

HIST493 Victorian Women in England, France, and the United States; (3) REG/P-F/AUD. DIVERSITY
0101 **(32182)** Gullickson, G.
TuTh 11:00am-12:15pm (KEY 0116)

HIST496 Africa Since Independence; (3) REG/P-F/AUD. DIVERSITY
0101 **(32192)** STAFF
MW 2:00pm-3:15pm (TLF 2101)

HIST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST600 Historiography; (3) REG/AUD.
0101 **(32203)** Belz, H.
Th 3:30pm-6:00pm (KEY 2119)

HIST602 General Seminar: American History; (3) REG/AUD.
0101 **(32213)** Olson, A.
Th 1:00pm-3:30pm (KEY 1118)

HIST603 General Seminar: European History; (3) REG/AUD.
0101 **(32223)** Sutherland, D.
Tu 3:30pm-6:00pm (KEY 1118)

HIST605 General Seminar: World History; (3) REG/AUD. *For HIST majors only.*
0101 **(32233)** Brooks, J.
W 3:30pm-6:00pm (KEY 0107)

HIST607 The Teaching of History in Institutions of Higher Learning; (1) S-F.
0101 **(32243)** Holum, K.
Time and room to be arranged

HIST619B *(PermReq)* **Special Topics in History: Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HIST619C Special Topics in History: Orientation Seminar: Material Aspects of American Civilization: Introduction to Museum Studies; (3) REG/AUD. Course is held at the Smithsonian, American History Museum.
0101 **(32303)** Finn, B.
W 3:00pm-5:30pm (Arranged)

HIST619F Special Topics in History: Paleography: Script and Society in Medieval Europe; (1-3) REG/AUD.
0101 **(32313)** Bedos-Rezak, B.
Tu 3:30pm-6:00pm (KEY 0117)

HIST619J Special Topics in History: Readings in American Social History; (3) REG/AUD.
0101 **(32323)** Berlin, I.
Tu 1:00pm-3:30pm (KEY 2119)

HIST619P Special Topics in History: Readings in Military History; (1-3) REG/AUD.
0101 **(32333)** Sumida, J.
Th 6:00pm-8:30pm (KEY 1118)

HIST619Q Special Topics in History: Readings in Women's and Gender History: Theory, Methodology,and Case Studies; (1-3) REG/AUD.
0101 **(32343)** Bravman, W.
M 4:00pm-6:30pm (KEY 1118)

HIST619R Special Topics in History: Readings in Reconstruction and the Old South; (3) REG/AUD.
0101 **(32353)** Rowland, L.
M 3:30pm-6:00pm (KEY 2119)

HIST629 Readings in the American Revolution and New Nation, 1763 to 1812; (3) REG/AUD.
0101 **(32363)** Ridgway, W.
Th 3:30pm-6:00pm (KEY 1118)

HIST648 Readings in Early 20th-Century America, 1900-1941; (3) REG/AUD.
0101 **(32373)** Gerstle, G.
M 3:30pm-6:00pm (KEY 3111)

HIST759 Readings in Russian and Soviet History: Topics in 20th Century History and Historiography; (3) REG/AUD.
0101 **(32383)** Majcska, G.
W 6:30pm-9:00pm (KEY 2119)

HIST798 Readings in Jewish History: Social and Religious Change in Modern Jewry; (3) REG/AUD.
0101 **(32393)** Rozenblit, M.
W 4:00pm-6:30pm (KEY 2119)

HIST799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

HIST809 Seminar in the History of Women; (3) REG/AUD.
0101 **(32404)** Muncy, R.
Tu 3:30pm-6:00pm (KEY 2119)

HIST819A Special Topics in History: Independent Research; (1-3) REG/AUD.
0101 **(32414)** STAFF
Time and room to be arranged

HIST819B *(PermReq)* **Special Topics in History: Independent Research; (1-3)** REG/AUD.
0101 **(32425)** STAFF
Time and room to be arranged

HIST898 Seminar in Recent American History; (3) REG/AUD.
0101 **(32435)** Olson, K.
Tu 6:00pm-8:30pm (KEY 2119)

HIST899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

HLHP Health and Human Performance
(Health and Human Performance)

HLHP688 *(PermReq)* **Field Work in Aging; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH Health
(Health and Human Performance)

HLTH105 Science and Theory of Health; (2) REG/AUD.
0101 **(32592)** STAFF
TuTh 9:30am-10:45am (HHP 1303)

HLTH106 Drug Use and Abuse; (3) REG/AUD.
0101 **(32602)** STAFF
MWF 9:00am-9:50am (HHP 1312)
0201 **(32603)** STAFF
TuTh 12:30pm-1:45pm (HHP 1301)

HLTH140 Personal and Community Health; (3) REG/AUD.
0101 **(32613)** STAFF
MWF 10:00am-10:50am (HHP 1301)
0201 **(32614)** STAFF, ..
MWF 11:00am-11:50am (HHP 1301)
0301 **(32615)** STAFF, ..
MWF 12:00pm-12:50pm (HHP 1302)
0401 **(32616)** STAFF, ..
TuTh 11:00am-12:15pm (HHP 1303)
0501 **(32617)** STAFF, ..
TuTh 12:30pm-1:45pm (HHP 0306)
0601 **(32618)** STAFF, ..
TuTh 2:00pm-3:15pm (HHP 0306)
0701 **(32619)** STAFF, ..
MWF 9:00am-9:50am (HHP 1302)
0801 **(32620)** STAFF, ..
TuTh 9:30am-10:45am (HHP 0307)

HLTH150 First Aid and Emergency Medical Services; (2) REG/AUD.
0101 **(32630)** STAFF
M 8:00am-9:40am (HHP 0302)
0201 **(32631)** STAFF, ..
W 8:00am-9:40am (HHP 0302)

HLTH230 Introduction to Health Behavior; (3) REG/AUD. Offered fall only.
0101 **(32641)** Howard, D.
TuTh 2:00pm-3:15pm (HHP 1302)

HLTH285 Controlling Stress and Tension; (3) REG/AUD.
0101 **(32651)** Schiraldi, G.
MWF 11:00am-11:50am (HHP 1312)
0201 **(32652)** Schiraldi, G.
MWF 2:00pm-2:50pm (HHP 1312)
0301 **(32653)** Spalding, T.
TuTh 12:30pm-1:45pm (HHP 1302)
0401 **(32654)** Hyde, D.
MW 2:00pm-3:15pm (HHP 1302)
0501 **(32655)** Spalding, T.
TuTh 2:00pm-3:15pm (HHP 0305)

HLTH289 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH340 *(PermReq)* **Curriculum, Instruction and Observation; (3)** REG/AUD. *Prerequisite: HLTH 140; and HLTH 420.* Offered fall only.
0101 **(32683)** Sawyer, R.
M 12:00pm-2:00pm (HHP 0301)
Time and room to be arranged Lab

HLTH371 Communicating Safety and Health; (3) REG/AUD.
0101 **(32693)** Crump, A.
TuTh 9:30am-10:45am (HHP 0305)
0201 **(32694)** Crump, A.
TuTh 12:30pm-1:45pm (HHP 0303)

HLTH377 Human Sexuality; (3) REG/AUD. *Formerly HLTH 477.*
0101 **(32704)** Sawyer, R.
TuTh 11:00am-12:15pm (HHP 1312)
0201 **(32705)** Squiers, L.
Tu 7:00pm-9:45pm (HHP 1312)
0301 **(32706)** STAFF
MW 3:00pm-4:15pm (HHP 1312)

HLTH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

HLTH389 Topical Investigations; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH391 Introduction to Community Health; (3) REG/P-F/AUD. *Prerequisites: HLTH 140 and HLTH 230.*
0101 **(32802)** Desmond, S.
TuTh 9:30am-10:45am (HHP 1302)

HLTH420 *(PermReq)* **Methods and Materials in Health Education; (3)** REG/AUD. *Prerequisites: HLTH 105 or HLTH 140.*
0101 **(32812)** Sawyer, R.
TuTh 2:00pm-3:15pm (HHP 0303)
0201 **(32813)** STAFF, ..
M 4:00pm-6:45pm (HHP 0303)

HLTH430 Health Education in the Workplace; (3) REG/P-F/AUD.
0101 **(32823)** Feldman, R.
W 4:00pm-6:45pm (HHP 1301)

HLTH471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as WMST 471. Credit will be granted for only one of the following: HLTH 471 or WMST 471.* Recommended for junior and senior women.
0101 **(32833)** Desmond, S.
TuTh 12:30pm-1:45pm (HHP 1312)
0201 **(32834)** Thompson, E.
W 4:00pm-6:45pm (HHP 1302)

HLTH476 Death Education; (3) REG/AUD.
0101 **(32844)** Leviton, D.
TuTh 2:00pm-3:15pm (HHP 1312)

HLTH487 Adult Health and Developmental Program; (3) REG/AUD. First two class meetings will be Saturday, September 4 and Saturday, September 11, 1999 at 9am in the Stamp Student Union, room 2111. Students must attend first meeting.
0101 **(32854)** Leviton, D.
Sa 8:30am-1:30pm (SSU 2111)

HLTH489 *(PermReq)* **Field Laboratory Projects and Workshop; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH490 *(PermReq)* **Principles and Techniques of Community Health; (3)** REG/P-F/AUD. *Prerequisite: HLTH 391.* Offered fall only.
0101 **(32882)** Boekeloo, B.
M 1:00pm-2:50pm (HHP 1301)
W 1:00pm-4:00pm (HHP 1301) Lab

HLTH491 *(PermReq)* **Community Health Internship; (12)** S-F. *Prerequisite: HLTH 490. For community health majors only.*
0101 **(32892)** Simon-Rusinowitz, L.
Th 1:00pm-3:45pm (HHP 0301)

HLTH665 Health Behavior I; (3) REG/AUD.
0101 **(32902)** Feldman, R.
Tu 4:00pm-6:45pm (HHP 0301)

HLTH680 The Dynamics of Coping with Stress; (3) REG/AUD. *Prerequisite: HLTH 285 or permission of department.* Pre-requisite: HLTH 285 or permission of department.
0101 **(32912)** Schiraldi, G.
W 7:00pm-9:45pm (HHP 0303)

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HLTH710 Methods and Techniques of Research; (3) REG/AUD.
0101 **(32940)** Gold, R.
M 7:00pm-9:45pm (HHP 0303)

HLTH720 Scientific Foundations of Health Education; (3) REG/AUD.
0101 **(32950)** Howard, D.
W 4:00pm-6:45pm (HHP 0303)

HLTH761 Environmental Health; (3) REG. *Prerequisite: HLTH 605, HLTH 760.*
0101 **(32960)** Thompson, E.
Th 4:00pm-6:45pm (HHP 0307)

HLTH775 *(PermReq)* **Health Education Program Planning and Evaluation; (3)** REG/AUD. *Prerequisites: HLTH 710 and permission of department.*
0101 **(32970)** Gold, R.
M 4:00pm-6:45pm (HHP 0301)

HLTH785 *(PermReq)* **Internship in Health Education; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: {HLTH 665; and HLTH 775; and HLTH 780}; or permission of department.*

HLTH799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HLTH899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

HONR Honors
(Undergraduate Studies)

ALL HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honors Office in Anne Arundel Hall or by calling x56771. All Honors courses require approval prior to registration.

HONR100 Honors Colloquium; (1) REG. *Prerequisite: permission of University Honors Program.* Course restricted to Fall 1999 freshmen honors students.
0101 **(33081)** Dula, T.
Time and room to be arranged Dis
0102 **(33082)** Dula, T.
Time and room to be arranged Dis
0103 **(33083)** Dula, T.
Time and room to be arranged Dis
0104 **(33084)** Dula, T.
Time and room to be arranged Dis
0105 **(33085)** Dula, T.
Time and room to be arranged Dis
0106 **(33086)** Dula, T.
Time and room to be arranged Dis
0107 **(33087)** Dula, T.
Time and room to be arranged Dis
0108 **(33088)** Dula, T.
Time and room to be arranged Dis
0109 **(33089)** Dula, T.
Time and room to be arranged Dis
0110 **(33090)** Dula, T.
Time and room to be arranged Dis
0111 **(33091)** Dula, T.
Time and room to be arranged Dis
0112 **(33092)** Dula, T.
Time and room to be arranged Dis
0113 **(33093)** Dula, T.
Time and room to be arranged Dis
0114 **(33094)** Dula, T.
Time and room to be arranged Dis
0115 **(33095)** Dula, T.
Time and room to be arranged Dis
0116 **(33096)** Dula, T.
Time and room to be arranged Dis
0117 **(33097)** Dula, T.
Time and room to be arranged Dis
0118 **(33098)** Dula, T.
Time and room to be arranged Dis
0119 **(33099)** Dula, T.
Time and room to be arranged Dis
0120 **(33100)** Dula, T.
Time and room to be arranged Dis
0121 **(33101)** Dula, T.
Time and room to be arranged Dis
0122 **(33102)** Dula, T.
Time and room to be arranged Dis
0123 **(33103)** Dula, T.
Time and room to be arranged Dis
0124 **(33104)** Dula, T.
Time and room to be arranged Dis
0125 **(33105)** Dula, T.
Time and room to be arranged Dis
0126 **(33106)** Dula, T.
Time and room to be arranged Dis
0127 **(33107)** Dula, T.
Time and room to be arranged Dis
0128 **(33108)** Dula, T.
Time and room to be arranged Dis
0129 **(33109)** Dula, T.
Time and room to be arranged Dis
0130 **(33110)** Dula, T.
Time and room to be arranged Dis
0131 **(33111)** Dula, T.
Time and room to be arranged Dis
0132 **(33112)** Dula, T.
Time and room to be arranged Dis
0133 **(33113)** Dula, T.
Time and room to be arranged Dis
0134 **(33114)** Dula, T.
Time and room to be arranged Dis

HONR100G Honors Colloquium; (1) REG. *Prerequisite: permission of University Honors Program.* Restricted to Gemstone students.
0101 **(33124)** Dula, T.
Time and room to be arranged Dis
0102 **(33125)** Dula, T.
Time and room to be arranged Dis
0103 **(33126)** Dula, T.
Time and room to be arranged Dis
0104 **(33127)** Dula, T.
Time and room to be arranged Dis
0105 **(33128)** Dula, T.
Time and room to be arranged Dis
0106 **(33129)** Dula, T.
Time and room to be arranged Dis
0107 **(33130)** Dula, T.
Time and room to be arranged Dis
0108 **(33131)** Dula, T.
Time and room to be arranged Dis
0109 **(33132)** Dula, T.
Time and room to be arranged Dis
0110 **(33133)** Dula, T.
Time and room to be arranged Dis

HONR218A Honors Seminar: In Search of Ancient Astronomies; (3) REG. CORE: HO DIVERSITY
0101 **(33143)** Carlson, J.
W 6:30pm-9:00pm (ANA 0120)
0102 **(33144)** Carlson, J.
Tu 6:30pm-9:00pm (ANA 0120)

HONR218C Honors Seminar: Western Intellectual Heritage: The Hero and Society; (3) REG. CORE: HO
0101 **(33154)** Hall, M.
Tu 6:00pm-8:30pm (ARC 1125)

HONR218L Honors Seminar: Language and Mind; (3) REG. CORE: HO
0101 **(33164)** Hornstein, N.
TuTh 9:30am-10:45am (MMH 3418)

HONR228A Honors Seminar: Science and Pseudoscience: An Investigative Approach; (3) REG. CORE: MS
0101 **(33174)** Denman, D.
MW 4:00pm-5:15pm (CSS 4400)

HONR228G *(PermReq)* **Honors Seminar: Sea Monsters and Deep Sea Sharks; (3)** REG. CORE: LS Students may earn credit for only one of the following: HONR228K, BSCI279A, or HONR228G.
0101 **(33184)** Clark, E.
W 2:00pm-3:00pm (PLS 1140)
W 3:00pm-5:00pm (BPS 1232) Dis

HONR228K *(PermReq)* **Honors Seminar: Sea Monsters and Deep Sea Sharks; (1)** REG. Students may earn credit for only one of the following: HOnr228K, HONR228G, or BSCI279A.
0101 **(33194)** Clark, E.
W 2:00pm-3:00pm (PLS 1140)

HONR228Q Honors Seminar: Nuclear Physics and Society; (3) REG. CORE: PS
0101 **(33204)** Berg, R.
TuTh 2:00pm-3:15pm (PHY 0405)

HONR238J *(PermReq)* **Honors Seminar: Literature and Madness; (3)** REG/P-F/AUD. CORE: HL
0101 **(33205)** Isaacs, N.
TuTh 11:00am-12:15pm (CCC 1200)

HONR238Z Honors Seminar: Understanding the World through Reading; (3) REG. CORE: HL
0101 **(33214)** Freedman, M.
M 4:00pm-6:30pm (ANA 0120)

HONR239D Honors Seminar: The Language of Visual Communication; (3) REG.
0101 **(33224)** Weiss, G.
TuTh 9:30am-10:45am (TWS 2228)

HONR239K *(PermReq)* **Honors Seminar: The Discovery of Personality in Literature; (3)** REG. CORE: HL
0101 **(33234)** Howard, J.
TuTh 2:00pm-3:15pm (WDS 1130)

HONR248G Honors Seminar: Social and Group Violence in America; (3) REG. CORE: SH
0101 **(33244)** Smead, E.
W 10:00am-12:30pm (Arranged)

HONR248O Honors Seminar: The Military and the Media in American History; (3) REG. CORE: SH
0101 **(33254)** Hammond, W.
Th 5:00pm-7:30pm (Arranged)

HONR248W Honors Seminar: America in the 1960's; (3) REG. CORE: SH
0101 **(33264)** Newman, J.
Tu 12:30pm-3:00pm (ANA 0120)

HONR249I Honors Seminar: The Examined Life; (3) REG. CORE: SB
0101 **(33274)** Burt, J.
Tu 7:00pm-9:30pm (HHP 0301)

HONR249J Honors Seminar: Economics and the Environment; (3) REG. CORE: SB
0101 **(33284)** Horowitz, J.
TuTh 12:30pm-1:45pm (ASY 3221)

HONR258A Honors Seminar: Untold Stories: Modern Women Writers Re-imagining the Western Tradition; (3) REG. CORE: HL DIVERSITY
0101 **(33294)** Staudt, K.
TuTh 9:30am-10:45am (ANA 0100)

HONR258C Honors Seminar: Silence and Art; (3) REG. CORE: HA
0101 **(33304)** Retallack, J.
Th 2:00pm-4:30pm (ANA 0120)

HONR258K Honors Seminar: Shakespeare: In History and in Performance; (3) REG. CORE: HL HONR 258K is equivalent in course content to ENGL 205. Credit will be granted for only one of the following: HONR 258K or ENGL 205.
0101 **(33324)** Mack, M.
TuTh 9:30am-10:45am (ANA 0120)

HONR258N Honors Seminar: Philosophy and Computers; (3) REG. CORE: MS
0101 **(33334)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1116)

HONR258O Honors Seminar: The Kinesiological Bases of Sport; (3) REG. There will be a $25 charge for equipment needed for the course.
0101 **(33344)** Iso-Ahola, S.
TuTh 2:00pm-3:15pm (HHP 0302)

HONR258T Honors Seminar: Tools of Fiction: Literature and/as Creative Writing; (3) REG. CORE: HL
0101 **(33354)** Hebert, D.
TuTh 2:00pm-3:15pm (JMZ 1120)

HONR258V Honors Seminar: American Attitudes Toward War; (3) REG. CORE: SH
0101 **(33364)** Hogan, D.
Th 6:00pm-8:30pm (ANA 0103)

HONR258W Honors Seminar: Exploring Homophobia: Demystifying Lesbian and Gay Issues; (3) REG. DIVERSITY
0101 **(33374)** Zeiger, R.
TuTh 11:00am-12:15pm (ANA 0120)

HONR259J Honors Seminar: American Suburbia; (3) REG. CORE: HO
0101 **(33384)** Sies, M.
Tu 9:30am-10:45am (VMH 2203)
Th 9:30am-10:45am (MTH B0429)

HONR259Q Honors Seminar: Conformity, Rebellion, and Identity: A Literary Perspective; (3) REG. CORE: HL
0101 **(33394)** Airozo, J.
MWF 1:00pm-1:50pm (ANA 0100)

HONR259S Honors Seminar: The Body and Literature; (3) REG. CORE: HL
0101 **(33404)** O'Sullivan, S.
TuTh 11:00am-12:15pm (CHE 2145)

HONR268E Honors Seminar: Gods, Demons and Mythology in the Ancient Near-East and Egypt; (3) REG. CORE: HO
0101 **(33414)** Cohen, M.
W 2:00pm-4:30pm (ANA 0120)

HONR268J Honors Seminar: Religion and Progress: Islamic Science, Politics, and Economics; (3) REG. CORE: HO DIVERSITY
0101 **(33424)** Ahmad, I.
Tu 6:00pm-8:30pm (ANA 0100)

HONR268N Honors Seminar: First Amendment on the Line: Religion and the Public Schools; (3) REG. CORE: SH
0101 **(33434)** Turnham, T.
M 6:00pm-8:30pm (ANA 0103)

HONR268P Honors Seminar: Drugs and American Society; (3) REG. CORE: SB Course will meet at CESAR Office, 4321 Hartwick Road.
0101 **(33444)** Wish, E.
W 2:00pm-4:30pm (Arranged)

HONR268R Honors Seminar: The Cultural Significance of Astronomy; (3) REG. CORE: HO
0101 **(33454)** Theison, D.
MW 12:30pm-1:45pm (CSS 2416)

HONR268W Honors Seminar: Retelling the Tale; (3) REG. CORE: HL
0101 **(33464)** Solari, R.
Tu 2:00pm-4:30pm (ANA 0103)

HONR269C *(PermReq)* **Honors Seminar: Mythology; (3)** REG. CORE: HO
0101 **(33474)** Urubshurow, V.
W 5:30pm-8:00pm (JMZ 1226)

HONR269V *(PermReq)* **Honors Seminar: High Tech, Culture, and Economic Development: Biotechnology in Asia; (3)** REG.
0101 **(33484)** Yuan, R.
TuTh 3:30pm-4:45pm (PLS 1162)

HONR278B Honors Seminar: Policy Conundrums in Science and Medicine; (3) REG.
0101 **(33494)** Milman, G.
W 7:00pm-9:30pm (PLS 1111)

HONR278D Honors Seminar: Women and Religion; (3) REG. CORE: HO DIVERSITY
0101 **(33504)** Brown, E.
TuTh 9:30am-10:45am (ANA 0103)

HONR278E Honors Seminar: Our Environment: What Does Science Have to Do With It?; (3) REG. CORE: LS
0101 **(33514)** McIntosh, M.
TuTh 11:00am-12:15pm (SYM 3121)

HONR278P Honors Seminar: Case Studies in Biology and Culture; (3) REG. CORE: LS DIVERSITY
0101 **(33524)** Yuan, R.
TuTh 3:00pm-4:45pm (PLS 1158)

HONR279V Honors Seminar: Imagining God: Theological Explorations in Modern Writing; (3) REG.
0101 **(33534)** Staudt, K.
TuTh 11:00am-12:15pm (ANA 0103) Dis

HONR279W *(PermReq)* **Honors Seminar: The Solar System; (3)** REG.
0101 **(33544)** Walker, R.
TuTh 11:00am-12:15pm (PLS 1146)

HONR279Z *(PermReq)* **Honors Seminar: Variations on the Odyssey; (3)** REG.
0101 **(33554)** Doherty, L.
MW 3:30pm-4:45pm (PLS 1111)

HONR288A *(PermReq)* **Honors Seminar: Black Women and the Public Eye; (3)** REG.
0101 **(33564)** Bolles, A.
MW 11:00am-12:15pm (ANA 0120)

HONR288I Honors Seminar: L'Enfant & Later: Washington City as a Work of Art; (3) REG.
0101 **(33574)** Lewis, D.
Tu 6:00pm-8:30pm (ARC 1127) Dis

HONR288K *(PermReq)* **Honors Seminar: Let's Talk about Race: The Social Construction of Racial andEthnic Minorities in The United STates; (3)** REG.
0101 **(33584)** Dance, L.
TuTh 12:30pm-1:45pm (TLF 1103)

HONR288L *(PermReq)* **Medical Devices: Applied Ethics and Public Policy; (3)** REG. CORE: SB
0101 **(33594)** Rahmoeller, G.
Tu 2:00pm-4:30pm (JMZ 0125)

HONR288N Honors Seminar: Cultural Differences in Three Dimensional Objects; (3) REG.
0101 **(33604)** Sham, F.
TuTh 3:00pm-5:30pm (ASY 1311)

HONR289U *(PermReq)* **Honors Seminar: In Search of Truth: A Survey of Decision Processes; (3)** REG.
0101 **(33614)** Wicks, R.
TuTh 3:30pm-4:45pm (MTH 0303)

HONR289V The Varieties of Community; (3) REG/P-F/AUD.
0101 **(33624)** Baum, H.
MW 2:00pm-3:15pm (SKN 0104) Dis

HONR289W *(PermReq)* **Honors Seminar: The Image Speaks Back: How Artists Involve the Spectator in Art; (3)** REG.
0101 **(33634)** Farquhar, J.
M 3:00pm-5:40pm (ASY 4306)

HONR289X *(PermReq)* **Honors Seminar: American Film at the Millenium: Stories, Bodies, and Cultural Spaces; (3)** REG.
0101 **(33644)** Kolker, R.
Tu 9:00am-11:30am (SQH 1120)
W 2:00pm-3:30pm (SQH 1123) Dis

HONR289Y *(PermReq)* **Honors Seminar: Novels and Who We Are; (3)** REG.
0101 **(33654)** O'Sullivan, S.
TuTh 12:30pm-1:45pm (JRN 1104)

HONR289Z *(PermReq)* **Honors Seminar: Opera: What's It All About?; (3)** REG.
0101 **(33664)** Wolfe, P.
TuTh 3:30pm-5:00pm (ANA 0100)

HONR298C Honors Seminar: Understanding New Media; (3) REG/P-F/AUD.
0101 **(33665)** Newhagen, J.
W 9:00am-10:30am (JRN 1104)
W 10:30am-12:00pm (JRN 3102)

HONR348J Advanced Honors Seminar: Contemporary Social Issues; (3) REG.
0101 **(33674)** Smead, E.
M 10:00am-12:30pm (Arranged)

HONR359A Honors Workshop: Writing Workshop; (3) S-F.
0101 **(33695)** Retallack, J.
Th 5:30pm-8:30pm (ANA 0100)

HONR359B Honors Workshop: Alternatives to Violence; (3) S-F.
0101 **(33705)** McCarthy, C.
M 12:30pm-3:00pm (ANA 0120)

HONR378D Advanced Honors Seminar: Reading and Writing About Grief and Loss; (3) REG.
0101 **(33715)** Paterson, J.
Tu 12:30pm-3:00pm (ANA 0100)

HONR378W Advanced Honors Seminar: Analysis of Social and Ethical Problems: The McDonaldization of Society; (3) REG.
0101 **(33725)** Ritzer, G.
TuTh 12:30pm-1:45pm (KEY 0125)

HONR379 *(PermReq)* **Honors Independent Study; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students.

HONR379A Honors Independent Study; (1-6) REG/P-F/AUD.
0101 **(33736)** Staudt, K.
Time and room to be arranged

HORT Horticulture & Landscape Architecture
(Agriculture and Natural Resources)

HORT161 *(PermReq)* **Design Fundamentals; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For HORT majors only.*
0101 **(33849)** Nola, D.
MW 2:00pm-2:50pm (PLS 1142)
MW 3:00pm-4:50pm (PLS 1142) Lab

HORT200 Land Surveying; (2) REG/P-F/AUD. *For HORT majors only.*
0101 **(33859)** Nola, D.
Th 1:00pm-1:50pm (PLS 1117)
Th 2:00pm-3:50pm (PLS 1117) Lab
0102 **(33860)** Nola, D.
Th 1:00pm-1:50pm (PLS 1117)
Tu 2:00pm-3:50pm (PLS 1117) Lab

HORT201 Environmental Factors and Horticultural Crop Production; (4) REG/P-F/AUD. *Prerequisite: HORT 100. Recommended: BIOL 105.*
0101 **(33870)** Deitzer, G.
TuTh 8:00am-9:15am (PLS 1117)
Tu 1:00pm-2:30pm (PLS 1153) Lab
Tu 2:40pm-3:50pm (HAR 1105) Lab
0102 **(33871)** Deitzer, G.
TuTh 8:00am-9:15am (PLS 1117)
M 1:00pm-2:30pm (PLS 1153) Lab
M 2:40pm-3:50pm (HAR 1105) Lab

HORT253 Woody Plant Material I; (3) REG/P-F/AUD. *Prerequisite: PBIO 250 or HORT 100. Formerly HORT 453.*
0101 **(33881)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1153) Lab
0102 **(33882)** Mityga, H.
MF 1:00pm-1:50pm (PLS 1140)
F 2:00pm-4:50pm (PLS 1146) Lab

HORT261 Electronic Studio; (3) REG/P-F/AUD. *Prerequisite: HORT 260 or LARC 260. Recommended: HORT 160 or LARC 160. For HORT and LARC majors only.*
0101 **(33892)** STAFF
MW 1:00pm-1:50pm (PLS 1144)
MW 2:00pm-3:50pm (PLS 1144) Lab

HORT320 Principles of Site Engineering; (3) REG/P-F/AUD. *Prerequisites: LARC 140 or HORT 255 and HORT 200. For HORT majors only. Also offered as LARC 320. Formerly HORT 364.* Note: Section 0101 is for HORT majors; Section 0102 is for LARC majors
0101 **(33902)** Nola, D.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (PLS 2156) Lab
0102 **(33903)** Nola, D.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (PLS 2150) Lab

HORT388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(33913)** STAFF
Time and room to be arranged

HORT389 Horticultural Internship; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT398 Seminar; (1) REG/P-F/AUD.
0101 **(33926)** Glenn, D.
M 4:00pm-5:30pm (PLS 1119)

HORT399 *(PermReq)* **Special Problems in Horticulture; (1-2)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT400 *(PermReq)* **Nursery and Greenhouse Nutrient Management Planning; (3)** REG/P-F/AUD. *Prerequisite: CHEM 103 or AGRO 202 or permission of department. Corequisite: HORT 456 or HORT 432.* This course will be accessed through the WebCT server on campus. Syllabus and other information can be found at https://www.courses.umd.edu/public/HORT400/.
0101 **(33954)** Lea-Cox, J.
TuTh 7:00pm-9:00pm (Arranged)

HORT452 Principles of Landscape Establishment and Maintenance; (3) REG/P-F/AUD. *Prerequisites: HORT 202; and HORT 253; and HORT 254. For HORT majors only.*
0101 **(33964)** Walsh, C.
MW 12:00pm-12:50pm (PLS 1146)
W 1:00pm-4:50pm (PLS 1146) Lab

HORT474 Physiology of Maturation and Storage of Horticultural Crops; (3) REG/P-F/AUD. *Pre- or corequisite: PBIO 420.*
0101 **(33974)** Solomos, T.
MW 9:00am-9:50am (PLS 1172)
Tu 9:00am-11:50am (PLS 1153) Lab

HORT489 Special Topics in Horticulture: Introduction to Plant Pathology; (3) REG/P-F/AUD.
0101 **(33984)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 1:00pm-3:50pm (PLS 1153) Lab
0102 **(33985)** Steiner, P.
TuTh 8:00am-9:15am (PLS 1130)
Th 1:00pm-3:50pm (PLS 1153) Lab

HORT489A Special Topics in Horticulture: Herbaceous Perennials; (3) REG/P-F/AUD.
0101 **(33996)** Balge, R.
F 9:00am-11:50am (PLS 1146)

HORT699 *(PermReq)* **Special Problems in Horticulture; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

HORT782 Chemical Regulation of Growth of Horticultural Plants; (3) REG/AUD. *Prerequisite: PBIO 420.*
0101 **(34024)** Quebedeaux, B.
TuTh 8:00am-9:15am (PLS 1162)

HORT783 Environmental Factors and Horticultural Plants; (3) REG/AUD. *Prerequisite: PBIO 420.*
0101 **(34034)** Coleman, G.
TuTh 9:30am-10:45am (PLS 1146)

HORT785 Advanced Post-Harvest Physiology; (3) REG/AUD. *Prerequisites: (BCHM 461, and HORT 474); or permission of department.*
0101 **(34044)** Solomos, T.
MW 9:00am-10:15am (PLS 1158)

HORT798 Advanced Seminar; (1) S-F/AUD.
0101 **(34054)** Swartz, H.
MW 12:00pm-1:00pm (PLS 1130)

HORT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

HORT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

ITAL Italian
(Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; (4) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(34144)** Amodeo, S.
MWF 9:00am-9:50am (JMZ 2123)
Tu 9:00am-9:50am (JMZ 2120) Lab
0201 **(34145)** Russell, C.
MWF 10:00am-10:50am (JMZ 0120)
Tu 10:00am-10:50am (JMZ 2120) Lab
0301 **(34146)** McKay, G.
MWF 11:00am-11:50am (ARC 1125)
Tu 11:00am-11:50am (JMZ 2122) Lab
0401 **(34147)** McKay, G.
MWF 12:00pm-12:50pm (JMZ 1117)
Tu 12:00pm-12:50pm (JMZ 2120) Lab
0501 **(34148)** McKay, G.
MWF 1:00pm-1:50pm (JMZ 1122)
Tu 1:00pm-1:50pm (JMZ 0103) Lab

ITAL102 Elementary Italian II; (4) REG/P-F/AUD. *Prerequisite: ITAL 101 or permission of department.*
0101 **(34158)** Amodeo, S.
MWF 10:00am-10:50am (JMZ 1117)
Th 10:00am-10:50am (JMZ 0120) Lab
0201 **(34159)** Amodeo, S.
MWF 12:00pm-12:50pm (JMZ 2122)
Th 12:00pm-12:50pm (JMZ 2120) Lab

ITAL121 Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.*
0101 **(34169)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 1120)

ITAL121H Accelerated Italian I; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 101 or ITAL 121.* For general honors students only.
0101 **(34179)** Amodeo, S.
MWF 1:00pm-1:50pm (JMZ 1120)

ITAL203 Intermediate Italian; (4) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122.*
0101 **(34189)** McKay, G.
MWF 9:00am-9:50am (JMZ 1117)
Th 9:00am-9:50am (JMZ 2120) Lab
0201 **(34190)** Russell, C.
MWF 11:00am-11:50am (JMZ 2122)
Th 11:00am-11:50am (JMZ 2120) Lab

ITAL204 Review Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: ITAL 203 or ITAL 122, or permission of department.*
0101 **(34200)** Falvo, J.
MWF 11:00am-11:50am (JMZ 2123)

ITAL211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: ITAL 203 or permission of department. Not open to native speakers.*
0101 **(34210)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 2122)

ITAL350 Readings in Italian Literature; (3) REG/P-F/AUD. *Prerequisite: ITAL 251 or permission of department.*
0101 **(34220)** STAFF
MWF 11:00am-11:50am (JMZ 1117)

ITAL399 *(PermReq)* **Directed Study in Italian; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor.

ITAL411 Dante - in Translation; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.*
0101 **(34234)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 2206)

ITAL412 Dante - in Italian; (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 411 or ITAL 412.* Meets one additional hour per week. See department for details.
0101 **(34244)** Russell, C.
MWF 1:00pm-1:50pm (JMZ 2206)

ITAL421 The Italian Renaissance (in Translation); (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 421 or ITAL 422. Formerly ITAL 410.*
0101 **(34254)** Falvo, J.
MWF 10:00am-10:50am (JMZ 0105)

ITAL422 The Italian Renaissance (in Italian); (3) REG/P-F/AUD. *Credit will be granted for only one of the following: ITAL 421 or ITAL 422.* Meets one additional hour per week. See department for details.
0101 **(34264)** Falvo, J.
MWF 10:00am-10:50am (JMZ 0105)

ITAL498 Special Topics in Italian Literature; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ITAL499 Special Topics in Italian Studies; (3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

IVSP Individual Studies Program
(Undergraduate Studies)

IVSP317 *(PermReq)* **Progress Report; (1)** S-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major.* The department representative to contact is the IVSP coordinator.

IVSP318 *(PermReq)* **Independent Learning Activities; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number. For IVSP majors only. The department representative to contact is the IVSP coordinator.

IVSP420 *(PermReq)* **Senior Paper; (3)** REG. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: admission to IVSP major. For IVSP majors only.* The department representative to contact is the IVSP coordinator.

JAPN Japanese
(Arts and Humanities)

JAPN101 Elementary Japanese I; (6) REG/P-F/AUD.
0101 **(34758)** Miura, E.
MWF 9:00am-10:50am (ARM 0108)
0201 **(34759)** Yaginuma, K.
MWF 9:00am-10:50am (TWS 2212)
0301 **(34760)** Sano, T.
MWF 9:00am-10:50am (JMZ 2120)
0401 **(34761)** Miura, E.
MWF 11:00am-12:50pm (JMZ 2120)
0501 **(34762)** Yaginuma, K.
MWF 11:00am-12:50pm (TWS 0135)
0601 **(34763)** Sano, T.
MWF 11:00am-12:50pm (PLS 1119)

JAPN201 Intermediate Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 102 or equivalent. Formerly JAPN 205.*
0101 **(34773)** Yotsukura, L.
MWF 11:00am-12:50pm (HBK 0125)
0201 **(34774)** Anzai, S.
MWF 11:00am-12:50pm (HBK 0103)
0301 **(34775)** Anzai, S.
MWF 1:00pm-2:50pm (PLS 1172)

JAPN301 Advanced Japanese I; (6) REG/P-F/AUD. *Prerequisite: JAPN 202 or equivalent. Formerly JAPN 305.*
0101 **(34785)** Yamakita, E.
MWF 9:00am-10:50am (JMZ 1103)
0201 **(34786)** Yamakita, E.
MWF 11:00am-12:50pm (JMZ 1103)

JAPN401 Readings in Modern Japanese I; (3) REG/P-F/AUD. *Prerequisite: JAPN 302 or equivalent.*
0101 **(34796)** STAFF
MWF 12:00pm-12:50pm (JMZ 2125)

JAPN403 Business Japanese I; (3) REG/P-F/AUD. *Prerequisite: JAPN 302 or equivalent. Formerly JAPN 303.*
0101 **(34806)** STAFF
MWF 11:00am-11:50am (JMZ 1109)
0201 **(34807)** STAFF
MWF 12:00pm-12:50pm (ARM 0102)

JAPN411 Introduction to Classical Japanese; (3) REG/P-F/AUD. *Prerequisite: JAPN 306 or equivalent.*
0101 **(34817)** Kerkham, H.
TuTh 12:30pm-1:45pm (JMZ 1123)

JAPN415 Modern Japanese Fiction in Translation; (3) REG/P-F/AUD.
0101 **(34827)** Kerkham, H.
TuTh 9:30am-10:45am (JMZ 1104)

JAPN499 Directed Study in Japanese; (1-3) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

JOUR Journalism
(Journalism)

JOUR101 Professional Orientation; (1) REG. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact dates and times. Not a requirement for COMM majors.
0101 **(34892)** McAdams, K.
F 9:00am-9:50am (JMZ 0220)

JOUR101+ Professional Orientation; (1) REG/P-F/AUD.
0101 **(34902)** McAdams, K.
F 9:00am-9:50am (JMZ 0220)

JOUR101H Professional Orientation; (1) REG/P-F/AUD. Limited to students in General Honors Program.
0101 **(34912)** McAdams, K.
F 9:00am-9:50am (JMZ 0220)
F 10:00am-10:50am (JRN 1104) Dis

JOUR198 *(PermReq)* **Survey Apprenticeship; (1)** S-F. Students must meet with Dr. Stewart in JRN 1117 to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. For JOUR majors only.
0101 **(34922)** Stewart, G.
Time and room to be arranged Lab

JOUR201 *(PermReq)* **Writing For Mass Media; (3)** REG. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability: and grammar competency demonstrated by a score of 52 or higher on the TSWE.* Must have at least 28 credits earned. A 5-minute word processing (Word Perfect) test is given each Friday during preregistration. A 30-word per minute proficiency is required to register. Students must also demonstrate grammar skills competency prior to receiving permission to register. For more information stop by 1117 JRN or call 405-2399. A proficiency test of JOUR 201 credit taken at another institution may be given. See Meg Brewer in JRN 1117 to arrange sitting for this exam prior to the first day of classes. JOUR 201 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(34932)** Herrin, A.
Tu 12:00pm-2:00pm (JRN 3111)
Th 12:00pm-2:00pm (JRN 3111) Lab
0201 **(34933)** Herrin, A.
M 4:00pm-6:00pm (JRN 3111)
W 4:00pm-6:00pm (JRN 3111) Lab
0401 **(34934)** Fox, S.
Tu 8:00am-10:00am (JRN 3103)
Th 8:00am-10:00am (JRN 3103) Lab
0501 **(34935)** O'Hare, R.
Tu 2:00pm-4:00pm (JRN 3111)
Th 2:00pm-4:00pm (JRN 3111) Lab
0601 **(34936)** STAFF
M 8:00am-10:00am (JRN 3111)
W 8:00am-10:00am (JRN 3111) Lab
0701 **(34937)** STAFF
Tu 8:00am-10:00am (JRN 3111)
Th 8:00am-10:00am (JRN 3111) Lab

JOUR201P *(PermReq)* **Writing For Mass Media; (3)** REG/P-F/AUD. *Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute wordprocessing ability: and grammar competency demonstrated by a score of 52 or higher on the TSWE.* These sections are exclusively for COMM students interested in public relations. The typing and TSWE prerequisites apply.
0101 **(34947)** STAFF
M 2:00pm-4:00pm (JRN 3103)
W 2:00pm-4:00pm (JRN 3103) Lab

JOUR202 Editing For the Mass Media; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* JOUR 202 is also offered during the summer. Check the Summer Schedule of Classes for details.
0101 **(34957)** O'Malley, S.
M 8:00am-10:00am (JRN 3102)
W 8:00am-10:00am (JRN 3102) Lab
0301 **(34958)** Goldman, J.
Tu 6:00pm-8:00pm (JRN 3103)
Th 6:00pm-8:00pm (JRN 3103) Lab
0401 **(34959)** Huffman, D.
Tu 12:00pm-2:00pm (JRN 3103)
Th 12:00pm-2:00pm (JRN 3103) Lab

JOUR202P *(PermReq)* **Editing For the Mass Media; (3)** REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.*
0101 **(34969)** STAFF
M 10:00am-12:00pm (JRN 3103)
W 10:00am-12:00pm (JRN 3103) Lab

JOUR320 News Reporting; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Due to rigorous publication requirement, plan your schedule accordingly.
0101 **(34979)** STAFF
M 7:00pm-9:00pm (JRN 3111)
W 7:00pm-9:00pm (JRN 3111) Lab
0201 **(34980)** Lightman, D.
M 8:00am-10:00am (JRN 3103)
W 8:00am-10:00am (JRN 3103) Lab

JOUR323 Newspaper Editing; (3) REG/AUD. *Prerequisite: grade of C or better in JOUR 202.* Majors only.
0101 **(34990)** Stepp, C.
M 2:00pm-4:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR325 *(PermReq)* **Reporting from Annapolis and Washington; (6)** REG/P-F/AUD. *Prerequisite: permission of department. Corequisite: JOUR 462.* Section 0101 meets in the National Press Building, Washington, DC. Section 0201 meets in the CNS Bureau, Annapolis, MD.
0101 **(35000)** Crane, S.
Time and room to be arranged
0201 **(35001)** Flynn, A.
Time and room to be arranged

JOUR326 *(PermReq)* **Supervised Internship - News Editorial; (3)** REG/P-F/AUD. *Prerequisites: a grade of "C" or better in JOUR 201, JOUR 202 and JOUR 320 and permission of department. For JOUR majors only.* Students who haven't identified an internship opportunity may register for the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1117, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: The first session is either 9/13, 9/14 or 9/15 at 12:15pm; the second session is Tuesday evening, 10/19 from 7-9pm; and the final session is either 12/6, 12/7 or 12/8 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(35011)** Stewart, G.
Tu 7:00pm-9:00pm (JRN 1116)
Time and room to be arranged Dis

JOUR328 *(PermReq)* **Specialized News Reporting; (3)** REG/P-F/AUD.
0101 **(35021)** Cohen, S.
MW 7:00pm-10:00pm (EGR 3140)

JOUR328A Specialized News Reporting: Seminar on Reporting on Children and Families; (3) REG/P-F/AUD. Prerequisite: JOUR 320.
0101 **(35031)** Trost, C.
Th 6:30pm-9:30pm (JRN 1102)

JOUR328F Specialized News Reporting: History, Roles and Structures; (2) REG/P-F/AUD.
0101 **(35041)** Stepp, C.
MW 9:00am-9:50am (JMZ 0220)

JOUR340 Advertising in America; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. Sophomore standing. For JOUR majors only.*
0101 **(35051)** Zanot, E.
TuTh 2:00pm-3:15pm (JRN 1105)

JOUR341 Persuasion in Advertising; (3) REG/P-F/AUD. *Prerequisites: JOUR 340; and grade of C or better in JOUR 201 and JOUR 202.* Course is also scheduled to be offered during the summer. Check the summer Schedule of Classes for details.
0101 **(35061)** Zanot, E.
Tu 10:00am-12:00pm (JRN 3111)
Th 10:00am-12:00pm (JRN 3111) Lab

JOUR346 *(PermReq)* **Supervised Internship - Advertising; (3)** REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, JOUR 340, and either JOUR 341 or JOUR 342, and permission of department. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing the internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, have the internship supervisor fill it out, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: The first session is either 9/13, 14 or 15 at 12:15pm; the second session is Monday, 10/18 from 7-9pm, and the final session is either 12/6, 7 or 8 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(35081)** Stewart, G.
M 7:00pm-9:00pm (JRN 1116) Lab

JOUR360 *(PermReq)* **Broadcast News I; (3)** REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 201. For JOUR majors only.* Additional hours per week required at WMUC, so plan your schedule accordingly.
0101 **(35091)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Tu 10:00am-12:00pm (JRN 3103) Lab
0102 **(35092)** Holman, B.
W 11:00am-12:15pm (JRN 1105)
Th 10:00am-12:00pm (JRN 3103) Lab

JOUR361 Broadcast News II; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.*
0101 **(35102)** Thornton, L.
W 4:00pm-5:30pm (JRN 1105)
M 10:00am-4:00pm (JRN 3120) Lab
0102 **(35103)** Thornton, L.
W 4:00pm-5:30pm (JRN 1105)
Tu 10:00am-4:00pm (JRN 3120) Lab
0103 **(35104)** Thornton, L.
W 4:00pm-5:30pm (JRN 1105)
W 10:00am-4:00pm (JRN 3120) Lab

JOUR362 Broadcast News Management; (3) REG/P-F/AUD. *Prerequisite: JOUR 360.* Contact Chet Rhodes in 3114 JRN for details about enrolling in this course.
0101 **(35114)** Burns, D.
TBA (JRN 3120)
TBA (JRN 3120) Lab
0201 **(35115)** Beck, J.
TBA (JRN 3120)
TBA (JRN 3120) Lab

JOUR365 Theory of Broadcast Journalism; (3) REG/P-F/AUD. Offered fall only. Limited to students with major codes of 0601B, 0602B and 06010.
0101 **(35125)** Barkin, S.
TuTh 9:30am-10:45am (JRN 1104)

JOUR366 Supervised Internship - Broadcast News; (3) REG/P-F/AUD. *Prerequisites: a grade of C or better in JOUR 201, JOUR 202, and JOUR 360 and permission of department. Recommended: JOUR 361 for television internship. For JOUR majors only.* Students who have not identified an internship opportunity may register on the hold file. Dr. Stewart will then forward opportunities he receives for your review. However, identifying and securing an internship is the responsibility of the student. Being on the hold file does not constitute course registration. Students must pick up an internship agreement form in JRN 1118, and meet with Dr. Stewart to receive permission to register. No requests to register after the Schedule Adjustment Period will be honored. There are three mandatory sessions: the first is either 9/13 14 or 15 at 12:15pm, the second is Tuesday 10/19 from 7-9pm, and the final session is either 12/6, 7 or 8 at 12:15pm, all in the Journalism Building, room 1116.
0101 **(35135)** Stewart, G.
Tu 7:00pm-9:00pm (JRN 1116)

JOUR371 Magazine Article and Feature Writing; (3) REG/P-F/AUD. *Prerequisite: JOUR 320.* Majors only.
0101 **(35145)** Paterson, J.
W 2:00pm-5:00pm (JRN 1104)

JOUR373 Graphics; (3) REG/P-F/AUD. *Prerequisite: grade of C or better in JOUR 202.* Due to JOUR 373 being a required course for JOUR 0601C and 0601D majors, all other JOUR majors may register on the hold file for available seats.
0101 **(35155)** Hemlinger, M.
Tu 6:00pm-9:00pm (JRN 3102)

JOUR380 Science Writing for Magazines and Newspapers; (3) REG/P-F/AUD. *Prerequisite: JOUR 320 or permission of department.*
0101 **(35166)** Rogers, C.
W 6:00pm-8:00pm (JRN 1104)

JOUR398 *(PermReq)* **Independent Study; (1-3)** REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR400 Law of Mass Communication; (3) REG/P-F/AUD. *Junior standing.* Restricted to students having earned at least 53 credits. JOUR 400 is also offered during the summer. For more information consult the summer Schedule of Classes.
0101 **(35195)** Huffman, D.
TuTh 2:00pm-3:15pm (ARM 0131)
Undergraduate students must register for section 0101.
0201 **(35196)** Brinkman, R.
Th 7:00pm-9:45pm (JRN 1116)
Graduate and Advanced Special Students must register for section 0201.

JOUR450 Mass Media in Society; (3) REG/P-F/AUD. *Junior standing.*
0101 **(35206)** Hiebert, R.
MW 9:30am-10:45am (JRN 1105)

JOUR452 Women in the Media; (3) REG/P-F/AUD. DIVERSITY *Junior standing. Also offered as WMST 452. Credit will be granted for only one of the following: JOUR 452 or WMST 452.*
0101 **(35216)** Beasley, M.
TuTh 11:00am-12:15pm (JRN 1104)

JOUR453 News Coverage of Racial Issues; (3) REG/P-F/AUD. DIVERSITY *Junior standing.*
0101 **(35226)** Roberts, E.
TuTh 11:00am-12:15pm (JRN 1116)

JOUR459C Special Topics in Mass Communication: Online Narrative; (3) REG/P-F/AUD.
0101 **(35236)** Newhagen, J.
TuTh 9:30am-10:45am (JRN 3102)

JOUR459E *(PermReq)* **Special Topics in Mass Communication: Environmental Changes Reporting; (1)** REG/P-F/AUD. Prerequisite: JOUR320.
0101 **(35246)** STAFF
Meets 09/01/99-10/01/99
TuTh 6:30pm-8:00pm (JRN 1104)

JOUR459I *(PermReq)* **Special Topics in Mass Communication: Business Reporting; (1)** REG/P-F/AUD. Prerequisite: JOUR320.
0101 **(35256)** STAFF
Meets 10/04/99-11/06/99
TuTh 6:30pm-8:00pm (JRN 1104)

JOUR459K *(PermReq)* **Special Topics in Mass Communication: Ethics; (1)** REG/P-F/AUD.
0101 **(35266)** STAFF
Meets 09/01/99-10/01/99
TuTh 8:00am-9:30am (JRN 1104)

JOUR459N *(PermReq)* **Special Topics in Mass Communication: Interviewing; (1)** REG/P-F/AUD.
0101 **(35276)** STAFF
Meets 10/04/99-11/06/99
TuTh 8:00am-9:30am (JRN 1104)

JOUR459O *(PermReq)* **Special Topics in Mass Communication: Online Reporting; (1)** REG/P-F/AUD. Prerequisite: JOUR320.
0101 **(35286)** STAFF
Meets 11/08/99-12/14/99
TuTh 8:00am-9:30am (JRN 3102)

JOUR459Q Special Topics in Mass Communication: Investigative Reporting; (1) REG/P-F/AUD. Prerequisite: JOUR320.
0101 **(35296)** STAFF
Meets 11/08/99-12/14/99
TuTh 6:00pm-8:30pm (JRN 1104)

JOUR459X *(PermReq)* **Special Topics in Mass Communication: Washington Post Seminar; (1)** REG/P-F/AUD.
0101 **(35306)** Callahan, C.
F 12:00pm-2:00pm (Arranged)

JOUR462 *(PermReq)* **Professional Seminar in Public Affairs Reporting; (3)** REG/P-F/AUD. *Prerequisite: permission of department.* Contact Dean Callahan in 2102 for more information. Students must be coenrolled in JOUR 325.
0101 **(35316)** Johnson, H.
M 9:00am-12:00pm (JRN 1116)

JOUR477 Mass Communication Research; (3) REG/P-F/AUD. *Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence.* Restricted to students having earned at least 53 credits.
0101 **(35326)** Newhagen, J.
TuTh 2:00pm-3:15pm (JRN 3102)
0201 **(35327)** Rogers, C.
TuTh 11:00am-12:15pm (JRN 1105)

JOUR481 Writing the Complex Story; (3) REG/P-F/AUD. *Pre- or corequisite: JOUR 371.* Prerequisite: Junior standing.
0101 **(35337)** STAFF
Time and room to be arranged

JOUR484 *(PermReq)* **Advertising Campaigns; (3)** REG/P-F/AUD. *Prerequisite: JOUR 341; and JOUR 342.*
0101 **(35347)** McElhaney, J.
W 7:00pm-10:00pm (JRN 1105)

JOUR486 *(PermReq)* **Advanced Television Journalism; (3)** REG/P-F/AUD. *Prerequisite: JOUR 361 or permission of department.*
0101 **(35357)** Thornton, L.
W 4:00pm-6:00pm (JRN 1116)
Time and room to be arranged Lab

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3)** REG/AUD. *Prerequisite: permission of department.* JOUR 501 is also offered during the summer. Once the Summer Schedule of Classes is issued, review it for registration information.
0101 **(35367)** Stepp, C.
Tu 2:00pm-4:00pm (JRN 3103)
Th 2:00pm-4:00pm (JRN 3103) Lab
0201 **(35368)** STAFF
M 7:00pm-9:00pm (JRN 3103)
W 7:00pm-9:00pm (JRN 3103) Lab

JOUR600 *(PermReq)* **Research Methods in Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.* Public Affairs Reporting students must register for section 0201. All other graduate students must register for section 0101. Advanced Special Students may register on the hold file for section 0101.
0201 **(35378)** Cohen, S.
MW 7:00pm-10:00pm (EGR 3140)

JOUR601 *(PermReq)* **Theories of Mass Communication; (3)** REG/AUD. *Prerequisite: permission of department.* JOUR 601 is also offered during the 1999 summer session. Get a head-start on your graduate program and check out the summer Schedule of Classes. Advanced Special Students may register for the hold file.
0101 **(35388)** Gurevitch, M.
W 9:00am-12:00pm (JRN 1116)

JOUR620 *(PermReq)* **Seminar in Public Affairs Reporting; (3)** REG/AUD. *Prerequisite: JOUR 320.*
0101 **(35398)** Johnson, H.
Tu 9:00am-12:00pm (JRN 1102)

JOUR621 Interpretation of Contemporary Affairs; (3) REG/AUD. *Prerequisite: JOUR 320.*
0101 **(35408)** Trost, C.
Th 6:30pm-9:30pm (JRN 1102)

JOUR622 *(PermReq)* **Explanatory Writing; (3)** REG/AUD. *Prerequisite: JOUR 502 or equivalent, and permission of department.*
0101 **(35418)** Roberts, E.
TuTh 2:00pm-3:15pm (JRN 1116)

JOUR680 Science Communication; (3) REG/AUD.
0101 **(35428)** Rogers, C.
W 6:00pm-8:45pm (JRN 1104)

JOUR698 *(PermReq)* **Special Problems in Communication; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR700 *(PermReq)* **Introduction to Doctoral Study in Mass Communication; (3)** REG/AUD. *Prerequisite: admission to Ph.D. program in mass communication.* Restricted to and required for all new doctoral matriculants.
0101 **(35460)** Hiebert, R.
Tu 2:00pm-5:00pm (JRN 1104)

JOUR711 Qualitative Research Methods in Mass Communication; (3) REG/AUD. *Prerequisite: JOUR 700. Formerly PCOM 711.*

0101 **(35470)** Beasley, M.
Tu 2:00pm-5:00pm (JRN 1102)

JOUR720 Seminar in Government and Mass Communication; (3) REG/AUD.
0101 **(35480)** Gurevitch, M.
Th 7:00pm-9:45pm (JRN 1105)

JOUR728 Topics in Public Affairs Reporting: Problems in Reporting; (3) REG/AUD. This course is tied to the off-campus reporting bureau experience.
0101 **(35490)** Johnson, H.
M 9:00am-12:00pm (JRN 1116)

JOUR729 Reporting from Annapolis and Washington; (6) REG/AUD. Students must be coenrolled in JOUR 728. For more information, contact Assistant Dean Callahan in JRN 2102. Section 0101 meets in the CNS Bureau, Washington, DC.; section 0201 meets in the CNS Bureau, Annapolis, MD.
0101 **(35500)** Crane, S.
Time and room to be arranged Lab
0201 **(35501)** Flynn, A.
Time and room to be arranged Lab

JOUR798 *(PermReq)* **Masters Professional Fieldwork; (2-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

JOUR888 Doctoral Practicum in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR889 Doctoral Tutorial in Mass Communication; (3-9) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JOUR899 Doctoral Dissertation Research in Mass Communication; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

JWST Jewish Studies
(Arts and Humanities)

JWST219D Special Topics in Jewish Studies: Jews in the City; (3) REG/P-F/AUD. Also offered as HIST 219I.
0101 **(35663)** Cooperman, B.
MWF 10:00am-10:50am (KEY 1117)

JWST227 Reconstructing the Civilization of Ancient Mesopotamia; (3) REG. *Also offered as HIST 280. Not open to students who have completed HEBR 440. Credit will be granted for only one of the following: JWST 227 or HIST 280. Formerly HEBR 440.*
0101 **(35673)** Cohen, M.
MW 12:30pm-1:45pm (KEY 0121)

JWST234 History of the Jewish People I; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 282. Credit will be granted for only one of the following: JWST 234 or HIST 282.*
0101 **(35683)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 9:00am-9:50am (JMZ 0120) Dis
0102 **(35684)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 1:00pm-1:50pm (HBK 0125) Dis
0103 **(35685)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 10:00am-10:50am (ARM 0102) Dis
0104 **(35686)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 12:00pm-12:50pm (LEF 1221) Dis
0105 **(35687)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
W 9:00am-9:50am (ARM 0102) Dis
0106 **(35688)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
M 1:00pm-1:50pm (ARC 1125) Dis
0107 **(35689)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 10:00am-10:50am (TLF 1101) Dis
0108 **(35690)** Lapin, H.
MW 11:00am-11:50am (HJP 0226)
F 12:00pm-12:50pm (ARC 1121) Dis

JWST262 The Hebrew Bible: Narrative; (3) REG/P-F/AUD. CORE: HL *Not open to students who have completed HEBR 223. Formerly HEBR 223.*
0101 **(35700)** Berlin, A.
TuTh 12:30pm-1:45pm (SQH 2122)

JWST281 Yiddish I; (3) REG/P-F/AUD. *Also offered as GERM 148Y. Not open to students who have completed GERM 148Y.*
0101 **(35710)** Isaacs, M.
TuTh 2:00pm-3:15pm (JMZ 2122)

JWST309 Research Seminar in Jewish Studies: Marranos, Mystics and Messiahs in Early Modern Jewry; (3) REG/P-F/AUD. Also offered as HIST309M.
0101 **(35720)** Cooperman, B.
W 2:00pm-4:00pm (KEY 2119)

JWST343 Modern Jewish History I: The Road to Emancipation, 1650-1870; (3) REG/P-F/AUD. *Also offered as HIST 374. Credit will be granted for only one of the following: JWST 343 or HIST 374.*
0101 **(35730)** Rozenblit, M.
MW 2:00pm-3:15pm (WDS 1131)

JWST419G Special Topics in Jewish Studies: Geography of the Bible; (3) REG/P-F/AUD. Also offered as GEOG 498A.
0101 **(35740)** Brodsky, H.
MWF 9:00am-9:50am (LEF 2208)

JWST419Q Special Topics in Jewish Studies: Images of Gender in Yiddish Literature over a Millenium; (3) REG/P-F/AUD. Also offered as WMST498M and GERM449D.
0101 **(35750)** Isaacs, M.
TuTh 11:00am-12:15pm (JMZ 0125)

JWST468 Readings in the Hebrew Bible; (3) REG/P-F/AUD.
0101 **(35760)** Berlin, A.
TuTh 9:30am-10:45am (SQH 2120)

JWST499 *(PermReq)* **Independent Study in Jewish Studies; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

JWST719C Readings in Jewish Studies: Social and Religious Change in Modern Jewry; (3) REG/AUD. Also offered as HIST798.
0101 **(35771)** Rozenblit, M.
W 4:00pm-6:30pm (KEY 2119)

JWST719D Readings in Jewish Studies: General Seminar in World History: Ethnicity, Nation and Identity; (3) REG/AUD. Also offered as HIST605.
0101 **(35781)** Brooks, J.
W 3:30pm-6:00pm (KEY 0107)

KNES Kinesiology
(Health and Human Performance)

KNES100O Physical Education Activities: Coed: Basketball (Intermediate); (2) REG/P-F.
0001 **(35831)** STAFF
MW 12:00pm-2:00pm (CRC 0135) Lab
0002 **(35832)** STAFF
TuTh 2:00pm-4:00pm (CRC 0135) Lab
0003 **(35833)** STAFF
MW 10:00am-12:00pm (CRC 0135) Lab
0004 **(35834)** STAFF
TuTh 12:00pm-2:00pm (CRC 0135) Lab

KNES100P Physical Education Activities: Coed: Basketball (Advanced); (2) REG/P-F.
0001 **(35844)** STAFF
MW 2:00pm-4:00pm (CRC 0135) Lab

KNES121J Physical Education Activities: Women: Martial Arts, Rape Aggression Defense; (1) REG/P-F.
0001 **(35854)** STAFF
Meets 09/01/99-10/15/99
MW 2:00pm-4:00pm (CRC 2113) Lab
0002 **(35855)** STAFF
Meets 10/18/99-12/14/99
MW 2:00pm-4:00pm (CRC 2113) Lab

KNES131V Physical Education Activities: Coed: Jogging; (2) REG/P-F.
0001 **(35865)** STAFF
MW 12:00pm-2:00pm (HHP 2240) Lab
0002 **(35866)** STAFF
TuTh 1:00pm-3:00pm (HHP 2240) Lab

KNES132N Physical Education Activities: Coed: Badminton, (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/1 - 9/8 Students are expected to attend classes beginning 9/1/99.
0001 **(35876)** STAFF
Meets 09/01/99-10/15/99
MW 10:00am-12:00pm (HHP 2101) Lab

KNES134N Physical Education Activities: Coed: Bowling (Beginning); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(35886)** STAFF
MW 2:00pm-4:00pm (SSU B0100) Lab
0002 **(35887)** STAFF
MW 10:00am-12:00pm (SSU B0100) Lab
0003 **(35888)** STAFF
TuTh 12:00pm-2:00pm (SSU B0100) Lab

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (2) REG/P-F. Students must pay a $35.00 facility fee. Bowling shoes required. Shoes may be rented on a day to day basis.
0001 **(35898)** STAFF
MW 12:00pm-2:00pm (SSU B0100) Lab
0002 **(35899)** STAFF
TuTh 2:00pm-4:00pm (SSU B0100) Lab

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99. Students must pay a $25.00 facility fee directly to the golf pro shop.
0001 **(35909)** STAFF
Meets 09/01/99-10/15/99
MW 10:00am-12:00pm (GLF 1102) Lab
0002 **(35910)** STAFF
Meets 09/01/99-10/15/99
TuTh 8:00am-10:00am (GLF 1102) Lab
0003 **(35911)** STAFF
Meets 09/01/99-10/15/99
TuTh 10:00am-12:00pm (GLF 1102) Lab

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99. Students must pay a $25.00 facility fee directly to the golf pro shop.
0001 **(35921)** STAFF
Meets 09/01/99-10/15/99
MW 1:00pm-3:00pm (GLF 1102) Lab

KNES137P Physical Education Activities: Coed: Golf (Advanced); (1) REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99. Students must pay a $25.00 facility fee directly to the golf pro shop.
0001 **(35931)** STAFF
Meets 09/01/99-10/15/99
MW 8:00am-10:00am (GLF 1102) Lab

KNES140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); (2) REG/P-F.
0001 **(35941)** STAFF
TuTh 10:00am-12:00pm (HHP 1120) Lab

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); (2) REG/P-F. Also see KNES 121J (Martial Arts, Rape Aggression Defense for women only).
0001 **(35951)** STAFF
MW 12:00pm-2:00pm (HHP 0107) Lab
0002 **(35952)** STAFF
MW 10:00am-12:00pm (HHP 0107) Lab
0003 **(35953)** STAFF
MW 2:00pm-4:00pm (HHP 0107) Lab

KNES144R Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); (2) REG/P-F. Also see KNES 121J (Martial Arts, Rape Aggression Defense for women only).
0001 **(35963)** STAFF
TuTh 10:00am-12:00pm (HHP 0107) Lab

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; (2) REG/P-F. Also see KNES 121J (Martial Arts, Rape Aggression Defense for women only).
0001 **(35973)** STAFF
TuTh 7:00pm-9:00pm (HHP 0107)
0002 **(35974)** STAFF
TuTh 12:00pm-2:00pm (HHP 0107)

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); (1) REG/P-F. Students must provide protective eye wear.
0001 **(35984)** STAFF
MW 9:00am-10:15am (HHP 0222) Lab
0002 **(35985)** STAFF
MW 1:00pm-2:15pm (HHP 0222) Lab
0003 **(35986)** STAFF
MW 3:00pm-4:15pm (HHP 0222) Lab
0004 **(35987)** STAFF
TuTh 2:00pm-3:15pm (HHP 0222) Lab

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); (1) REG/P-F. Students must provide protective eye wear.
0001 **(35997)** STAFF
TuTh 3:00pm-4:15pm (HHP 0222) Lab

KNES147N Physical Education Activities: Coed: Scuba (Beginning); (2) REG/P-F. Students must qualify to stay in class on the first day of class, this includes students on the waitlist. Students must attend ALL classes.
0001 **(36007)** Landers, R.
MWF 8:00am-8:50am (CRC B0120)
TBA (CRC B0120) Lab
0002 **(36008)** Landers, R.
TuTh 8:00am-9:15am (CRC B0120)
TBA (CRC B0120) Lab
0003 **(36009)** Landers, R.
TuTh 10:00am-11:15am (CRC B0120)
TBA (CRC B0120) Lab

KNES152N Physical Education Activities: Coed: Soccer (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99.
0001 **(36019)** STAFF
Meets 09/01/99-10/15/99
MW 1:00pm-3:00pm (HHP 2240) Lab

KNES154N Physical Education Activities: Coed: Swimming (Beginning); (1) REG/P-F. Section 0001 is strictly for non-swimmers.
0001 **(36029)** STAFF
MWF 12:00pm-12:50pm (CRC B0120) Lab

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); (1) REG/P-F.
0001 **(36039)** STAFF
TuTh 1:00pm-2:15pm (CRC B0120) Lab

KNES154P Physical Education Activities: Coed: Swimming (Advanced); (2) REG/P-F.
0001 **(36049)** STAFF
MW 9:00am-11:00am (CRC B0120) Lab

KNES154W Physical Education Activities: Coed: Swimming/ Lifeguard Training; (2) REG/P-F. Advanced swimming ability is a prerequisite. Schedule adjustment period is 9/1 - 9/8.
0001 **(36059)** STAFF
MW 10:00am-12:00pm (CRC B0120) Lab

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99.
0001 **(36069)** STAFF
Meets 09/01/99-10/15/99
MW 1:00pm-3:00pm (HHP 2240) Lab
0002 **(36070)** STAFF
Meets 09/01/99-10/15/99
TuTh 8:00am-10:00am (COL 1100) Lab
0003 **(36071)** STAFF
Meets 09/01/99-10/15/99
TuTh 1:00pm-3:00pm (HHP 2240) Lab
0004 **(36072)** STAFF
Meets 09/01/99-10/15/99
MW 10:00am-12:00pm (HHP 2240) Lab
0005 **(36073)** STAFF
Meets 09/01/99-10/15/99
MW 1:00pm-3:00pm (COL 1100) Lab
0006 **(36074)** STAFF
Meets 09/01/99-10/15/99
TuTh 10:00am-12:00pm (COL 1100) Lab

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99.
0001 **(36084)** STAFF
Meets 09/01/99-10/15/99
MW 10:00am-12:00pm (COL 1100) Lab
0002 **(36085)** STAFF
Meets 09/01/99-10/15/99
TuTh 1:00pm-3:00pm (COL 1100) Lab
0003 **(36086)** STAFF
Meets 09/01/99-10/15/99
TuTh 8:00am-10:00am (HHP 2240) Lab

KNES155P Physical Education Activities: Coed: Tennis (Advanced); (1) REG/P-F. Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99.
0001 **(36096)** STAFF
Meets 09/01/99-10/15/99
TuTh 10:00am-12:00pm (HHP 2240) Lab

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1) REG/P-F.
0001 **(36106)** STAFF
MW 8:00am-9:15am (HHP 0103) Lab
0002 **(36107)** STAFF
MW 2:00pm-3:15pm (HHP 0103) Lab
0003 **(36108)** STAFF
MW 10:00am-11:15am (HHP 0103) Lab
0004 **(36109)** STAFF
MW 1:00pm-2:15pm (HHP 0103) Lab
0005 **(36110)** STAFF
TuTh 4:00pm-5:15pm (HHP 0103) Lab
0006 **(36111)** STAFF
MW 3:00pm-4:15pm (HHP 0103) Lab
0007 **(36112)** STAFF
MW 4:00pm-5:15pm (HHP 0103) Lab
0008 **(36113)** STAFF
TuTh 8:00am-9:15am (HHP 0103) Lab
0009 **(36114)** STAFF
TuTh 11:00am-12:15pm (HHP 0103) Lab
0010 **(36115)** STAFF
TuTh 3:00pm-4:15pm (HHP 0103) Lab

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1) REG/P-F.
0001 **(36125)** STAFF
MW 11:00am-12:15pm (HHP 0103) Lab
0002 **(36126)** STAFF
MW 12:00pm-1:15pm (HHP 0103) Lab
0003 **(36127)** STAFF
TuTh 12:00pm-1:15pm (HHP 0103) Lab
0004 **(36128)** STAFF
MW 9:00am-10:15am (HHP 0103) Lab
0005 **(36129)** STAFF
TuTh 9:00am-10:15am (HHP 0103) Lab
0006 **(36130)** STAFF
TuTh 10:00am-11:15am (HHP 0103) Lab

KNES157Q Physical Education Activities: Coed: Body Building; (1) REG/P-F.
0001 **(36140)** STAFF
TuTh 1:00pm-2:15pm (HHP 0103) Lab
0002 **(36141)** STAFF
TuTh 2:00pm-3:15pm (HHP 0103) Lab

KNES157R Physical Education Activities: Coed: Circuit Training (Beginning); (1) REG/P-F.
0001 **(36151)** STAFF
Meets 09/01/99-10/15/99
MW 2:00pm-4:00pm (HHP 0104) Lab

KNES157S Physical Education Activities: Coed: Circuit Training (Intermediate); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/18-10/2 2. Students are expected to attend class beginning 10/18/99.
0001 **(36161)** STAFF
TuTh 2:00pm-4:00pm (HHP 0104) Lab

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/18 - 10/22. Students are expected to attend classes beginning 10/18/99.
0001 **(36171)** STAFF
Meets 10/18/99-12/14/99
MW 10:00am-12:00pm (HHP 2101) Lab
0002 **(36172)** STAFF
Meets 10/18/99-12/14/99
MW 8:00am-10:00am (HHP 2101) Lab

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/18 - 10/22. Students are expected to attend classes beginning 10/18/99.
0001 **(36182)** STAFF
Meets 10/18/99-12/14/99
MW 12:00pm-2:00pm (HHP 2101) Lab
0002 **(36183)** STAFF
Meets 10/18/99-12/14/99
TuTh 2:00pm-4:00pm (HHP 2101) Lab

KNES160P Physical Education Activities: Coed: Volleyball (Advanced); (2) REG/P-F.
0001 **(36193)** STAFF
MW 2:00pm-4:00pm (HHP 2101) Lab

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); (2) REG/P-F.
0001 **(36203)** STAFF
TuTh 12:00pm-2:00pm (CRC 0105) Lab

KNES161R Physical Education Activities: Coed: Conditioning (Step Aerobics-Beginning); (2) REG/P-F.
0001 **(36213)** STAFF
MW 10:00am-12:00pm (CRC 0105) Lab
0002 **(36214)** STAFF
TuTh 2:00pm-4:00pm (CRC 0105) Lab
0003 **(36215)** STAFF
TuTh 7:00pm-9:00pm (CRC 0105) Lab

KNES161V Physical Education Activities: Coed: Conditioning (Step Aerobics-Intermediate); (2) REG/P-F.
0001 **(36225)** STAFF
MW 1:00pm-3:00pm (CRC 0105) Lab
0002 **(36226)** STAFF
TuTh 10:00am-12:00pm (CRC 0105) Lab

~~~~~~ KINESIOLOGY PROFESSIONAL COURSES ~~~~~~

KNES180 Foundations of Physical Education; (2) REG/P-F/AUD. *180.* Course is offered in the fall semester only.
0101 **(36236)** Brown, E.
TuTh 12:30pm-1:30pm (HHP 0307)

KNES183 Movement Content for Elementary School Children; (3) REG/P-F/AUD.
0101 **(36246)** Montfort, J.
TuTh 10:00am-12:00pm (HHP 2240)

KNES200 Gymnastics Skills Laboratory; (2) REG/P-F/AUD. Course is offered in the Fall semester only.
0101 **(36256)** Montfort, J.
TuTh 1:00pm-3:00pm (HHP 1120) Lab

KNES204 Basketball Skills Laboratory; (1) REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/18 - 10/22. Students are expected to attend classes beginning 10/18/99.
0101 **(36266)** STAFF
Meets 10/18/99-12/14/99
TuTh 8:00am-10:00am (HHP 2240) Lab

KNES220 Track and Field Skills Laboratory; (1) REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/1 - 9/8. Students are expected to attend classes beginning 9/1/99. Course is offered in the fall semester only.
0101 **(36276)** STAFF
Meets 09/01/99-10/15/99
TuTh 8:00am-10:00am (HHP 2240)

KNES240 Exploring Cultural Diversity Through Movement; (3) REG/P-F/AUD. DIVERSITY
0101 **(36286)** Scott, M.
MWF 11:00am-11:50am (HHP 0302)
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KNES260 Science of Physical Activity and Cardiovascular Health; (3) REG/P-F/AUD. CORE: LS
0101 **(36296)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
M 12:00pm-12:50pm (HHP 0305) Lab
0102 **(36297)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
W 12:00pm-12:50pm (HHP 0305) Lab
0103 **(36298)** Hagberg, J.
MWF 10:00am-11:00am (HHP 0302)
Tu 12:30pm-1:30pm (HHP 0305) Lab

KNES282 Basic Care and Prevention of Athletic Injuries; (3) REG/P-F. *Credit will be granted for only one of the following: KNES 282 or KNES 381.*
0101 **(36308)** Bush, J.
MW 9:00am-9:50am (HHP 1301)
F 9:00am-9:50am (HHP 1301) Lab
0102 **(36309)** Bush, J.
MW 9:00am-9:50am (HHP 1301)
F 8:00am-8:50am (HHP 1301) Lab

KNES287 Sport and American Society; (3) REG/P-F/AUD.
0101 **(36319)** Vander Velden, L.
MWF 10:00am-10:50am (HHP 1312)

KNES289 *(PermReq)* Topical Investigations; (1-3) REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

KNES293 History of Sport in America; (3) REG/P-F/AUD. CORE: SH
0101 **(36330)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:00am-8:50am (HHP 0306) Lab
0102 **(36331)** Struna, N.
TuTh 9:45am-10:45am (HHP 1312)
Tu 8:55am-9:40am (HHP 0306) Lab
0103 **(36332)** Struna, N.
MWF 11:00am-11:50am (HHP 1303)

KNES491 The Curriculum in Physical Education; (3) REG/P-F/AUD. *Prerequisites: KNES 300, KNES 360, and KNES 371..*
0101 **(36531)** Ennis, C.
TuTh 9:30am-10:45am (HHP 0303)

KNES497 Independent Studies Seminar; (3) REG/P-F. CORE:. Students are to meet in HHP 1303 the first day of class.
0101 **(36541)** STAFF
MWF 9:00am-9:50am (HHP 1303)
MWF 9:00am-9:50am (HHP 0303) Lab
0102 **(36542)** STAFF
MWF 10:00am-10:50am (HHP 1303)
MWF 10:00am-10:50am (HHP 0303) Lab

KNES498 *(PermReq)* Special Topics in Kinesiology; (3) REG/P-F/AUD.
0101 **(36552)** Phillips, S.
Time and room to be arranged
0201 **(36553)** Struna, N.
Time and room to be arranged
0301 **(36554)** Clark, J.
Time and room to be arranged

KNES498A Special Topics in Kinesiology: Physical Activity and Disease Prevention; (3) REG/P-F/AUD. Prerequisite: KNES 360
0101 **(36564)** Hagberg, J.
M 4:00pm-6:30pm (HHP 1301)

KNES498J Special Topics in Kinesiology: The Management of Sport Organizations; (3) REG/P-F/AUD. Prerequisite: KNES 287 and junior standing
0101 **(36574)** Mason, D.
TuTh 2:00pm-3:15pm (HHP 1303)

KNES498M Special Topics in Kinesiology: Foundations of Sport Management; (3) REG/P-F/AUD. Prerequisite: KNES 287 and junior standing
0101 **(36584)** McDaniel, S.
TuTh 11:00am-12:15pm (HHP 0302)

KNES650 Mental and Emotional Aspects of Sports and Recreation; (3) REG/AUD. *Prerequisite: KNES 350.*
0101 **(36594)** Hatfield, B.
Th 4:00pm-6:30pm (HHP 1302)

KNES689 *(PermReq)* Special Problems in Kinesiology; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES689A Special Problems in Kinesiology: Foundations of Sport Management; (3) REG/AUD.
0101 **(36624)** Mason, D.
M 4:00pm-6:30pm (HHP 0307)

KNES689F Special Problems in Kinesiology: The Social Construction of the Gendered Body: A History; (3) REG/AUD.
0101 **(36634)** Struna, N.
Th 4:00pm-6:30pm (HHP 0303)

KNES689O Special Problems in Kinesiology: Psychology of Exercise and Health; (3) REG/AUD.
0101 **(36644)** Iso-Ahola, S.
M 7:00pm-9:30pm (HHP 0301)

KNES689R Special Problems in Kinesiology: Sport and Mass Media; (3) REG/AUD.
0101 **(36654)** McDaniel, S.
Tu 4:00pm-6:30pm (HHP 0305)

KNES689U Special Problems in Kinesiology: Signal Processing I; (3) REG/AUD.
0101 **(36664)** Jeka, J.
M 4:00pm-6:30pm (HHP 2132)

KNES689V Special Problems in Kinesiology: Curriculum Design for Fitness and Wellness Programs; (3) REG/AUD.
0101 **(36674)** Ennis, C.
Tu 4:00pm-6:30pm (HHP 2132)

KNES689Y Special Problems in Kinesiology: Current Literature in Exercise Physiology; (1) REG/AUD.
0101 **(36684)** Hurley, B.
F 11:00am-12:00pm (HHP 2132)

KNES689Z Special Problems in Kinesiology: Current Literature in Movement Sciences; (1) REG/AUD.
0101 **(36694)** Jeka, J.
F 3:30pm-4:20pm (HHP 0301)

KNES692 Cardiovascular Aspects of Exercise Physiology; (3) REG/AUD. *Prerequisite: KNES 360.*
0101 **(36704)** Brown, M.
W 4:00pm-7:00pm (HHP 2132)

KNES799 *(PermReq)* Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

KNES899 *(PermReq)* Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

KORA Korean
(Arts and Humanities)

KORA211 Introductory Reading for Speakers of Korean I; (3) REG/P-F/AUD. *Not open to students who have completed three or more years of Korean schooling.*
0101 **(36799)** Ramsey, Y.
TuTh 11:00am-12:15pm (JMZ 1226)

KORA212 Introductory Reading for Speakers of Korean II; (3) REG/P-F/AUD. *Prerequisite: KORA 211. Not open to students who have completed three or more years of Korean schooling.*
0101 **(36809)** Ramsey, Y.
TuTh 2:00pm-3:15pm (JMZ 1226)

LARC Landscape Architecture
(Agriculture and Natural Resources)

LARC140 Graphic Fundamentals; (3) REG/P-F/AUD. *Recommended: LARC 160, concurrently. For LARC majors only. Not open to students who have completed EDIT 160. Formerly LARC 150.*
0101 **(36859)** Hilsenrath, E.
MW 2:00pm-2:50pm (PLS 1111)
MW 3:00pm-4:50pm (PLS 2154) Lab

LARC160 Introduction to Landscape Architecture; (3) REG/P-F/AUD. CORE: HO
0101 **(36869)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
F 10:00am-10:50am (PLS 1162) Dis
0102 **(36870)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
W 12:00pm-12:50pm (PLS 1162) Dis
0103 **(36871)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
F 11:00am-11:50am (PLS 1162) Dis
0104 **(36872)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
Th 12:30pm-1:20pm (PLS 1162) Dis
0105 **(36873)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
F 12:00pm-12:50pm (PLS 1162) Dis
0106 **(36874)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
M 12:00pm-12:50pm (PLS 1162) Dis
0107 **(36875)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
M 1:00pm-1:50pm (PLS 1162) Dis
0108 **(36876)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
Tu 12:30pm-1:20pm (PLS 1162) Dis
0109 **(36877)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
M 11:00am-11:50am (PLS 1162) Dis
0110 **(36878)** Hill, M.
MW 9:00am-9:50am (HJP 0226)
W 11:00am-11:50am (PLS 1162) Dis

LARC220 Land Surveying; (2) REG/P-F/AUD. *For LARC majors only. Formerly LARC 200.*
0101 **(36888)** Nola, D.
Th 1:00pm-1:50pm (PLS 1117)
Th 2:00pm-3:50pm (PLS 1117) Lab
0102 **(36889)** Nola, D.
Th 1:00pm-1:50pm (PLS 1117)
Tu 2:00pm-3:50pm (PLS 1117) Lab

LARC240 Graphic Communications; (3) REG/P-F/AUD. *Prerequisites: LARC 141 and LARC 160. For LARC majors only. Formerly LARC 260.*
0101 **(36899)** Sullivan, J.
MW 2:00pm-4:50pm (PLS 2152) Lab

LARC320 Principles of Site Engineering; (3) REG/P-F/AUD. *Prerequisites: LARC 220 and LARC 241. For LARC majors only. Also offered as HORT 320. Formerly LARC 364.*
0101 **(36909)** Nola, D.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (PLS 2156) Lab
0102 **(36910)** Nola, D.
MW 9:00am-10:50am (PLS 1130)
MW 11:00am-11:50am (PLS 2150) Lab

LARC341 Community Design Studio; (4) REG/P-F/AUD. *Prerequisite: LARC 241. For LARC majors only. Formerly LARC 361.*
0101 **(36920)** Hill, M.
MW 1:00pm-4:50pm (PLS 2150)

LARC420 Professional Practice; (3) REG/P-F/AUD. *Prerequisite: LARC 321. For LARC majors only. Formerly LARC 467.*
0101 **(36930)** Locke, D.
W 9:00am-11:50am (PLS 0104) Lab

LARC440 Urban Studio Design; (4) REG/P-F/AUD. *Prerequisites: LARC 321, and LARC 340, and LARC 341. For LARC majors only. Formerly LARC 462.*
0101 **(36940)** STAFF
TuTh 1:00pm-4:50pm (PLS 2148) Lab

LARC450 Environmental Resources; (3) REG/P-F/AUD. *Prerequisite: AGRO 202 or permission of department.* Also offered as URSP 688E. Four day-long Friday field trips are required.
0101 **(36950)** Hilsenrath, E.
F 9:00am-11:50am (PLS 0104)

LARC470 Landscape Architecture Seminar; (3) REG/P-F/AUD. *Prerequisites: LARC 321 and LARC 341. For LARC majors only.*
0101 **(36960)** Sullivan, J.
TuTh 9:30am-10:45am (PLS 0104)

LARC499 Independent Studies in Landscape Architecture; (1-4) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LASC Certificate in Latin American Studies
(Arts and Humanities)

LASC234 Issues in Latin American Studies I; (3) REG. CORE: HO DIVERSITY *Also offered as SPAN 234 and PORT 234. Credit will be granted for only one of the following: LASC 234 or SPAN 234 or PORT 234.*
0101 **(37023)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(37024)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

LASC234H Issues in Latin American Studies I; (3) REG. CORE: HO DIVERSITY *Also offered as SPAN 234 and PORT 234. Credit will be granted for only one of the following: LASC 234 or SPAN 234 or PORT 234.* For general honors students only.
0101 **(37034)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

LATN Latin
(Arts and Humanities)

LATN101 Elementary Latin I; (4) REG/P-F/AUD. *A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit.*
0101 **(37084)** Dietrich, J.
MWF 1:00pm-1:50pm (ARM 0119)
F 12:00pm-12:50pm (ARM 0121)

LATN102 Elementary Latin II; (4) REG/P-F/AUD. *Prerequisite: LATN 101 at UMCP or permission of department.*
0101 **(37094)** Stehle, E.
MWF 1:00pm-1:50pm (ARM 0103)
F 12:00pm-12:50pm (ARM 0103)

LATN120 Intensive Latin; (4) REG/P-F/AUD. *Prerequisite: permission of department. Not open for credit to students with credit for LATN 102.*
0101 **(37104)** Hallett, J.
MWF 10:00am-10:50am (ARM 0119)
F 9:00am-9:50am (ARM 0121)

LATN201 Intermediate Latin; (4) REG/P-F/AUD. CORE: HO *Prerequisite: LATN 102 at UMCP or permission of department. Formerly LATN 203.*
0101 **(37114)** Dietrich, J.
MWF 10:00am-10:50am (MMH 2407)
F 9:00am-9:50am (MMH 2407)

LATN351 Horace and Catullus; (3) REG/P-F/AUD. *Prerequisite: LATN 201 or equivalent.*
0101 **(37124)** Lee, H.
MW 3:30pm-4:50pm (MMH 3418)

LATN415 Virgil's Aeneid; (3) REG/P-F/AUD. *Formerly LATN 305.*
0101 **(37134)** Staley, G.
Tu 5:00pm-7:40pm (MMH 0108)

LATN488 Latin Readings: Archaic Latin; (3) REG/P-F/AUD.
0101 **(37144)** Hallett, J.
M 5:00pm-7:40pm (MMH 3418)

LATN499 *(PermReq)* Independent Study in Latin Language and Literature; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LATN605 Vergil; (3) REG/AUD.
0101 **(37159)** Staley, G.
Tu 5:00pm-7:40pm (MMH 0108)

LATN620 Archaic Latin; (3) REG/AUD.
0101 **(37169)** Hallett, J.
M 5:00pm-7:40pm (MMH 1304)

LATN699 Independent Studies in Latin Literature; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LBSC Library Science
(Library and Information Services)

LBSC601 *(PermReq)* Information Use; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37233)** Walston, C.
M 2:00pm-4:45pm (HBK 0115)

LBSC603 *(PermReq)* Library Systems Analysis; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37243)** Walston, C.
Tu 5:30pm-8:15pm (HBK 4113)

LBSC605 *(PermReq)* Archival Principles, Practices, and Programs; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37253)** Dearstyne, B.
Th 5:30pm-8:15pm (HBK 4113)

LBSC625 *(PermReq)* Information Policy; (3) REG/AUD.
0101 **(37254)** STAFF
Tu 5:30pm-8:15pm (HBK 4115)

LBSC630 *(PermReq)* Library Administration; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37263)** Phelps, T.
W 5:30pm-8:15pm (HBK 0115)

LBSC641 *(PermReq)* Selection and Evaluation of Instructional Media; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37273)** Neuman, M.
W 5:30pm-8:15pm (HBK 0105)

LBSC643 *(PermReq)* Library Media Specialists in Educational Systems; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37283)** Neuman, M.
M 5:30pm-8:15pm (HBK 0105)

LBSC645 *(PermReq)* Children's Literature and Materials; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37293)** Macleod, A.
W 2:00pm-4:45pm (HBK 0115)

LBSC650 *(PermReq)* Information Access; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37303)** White, M.
M 1:00pm-3:45pm (HBK 0103)
0201 **(37304)** Cogdill, K.
W 5:30pm-8:15pm (HBK 0103)
0301 **(37305)** Abels, E.
Th 9:30am-12:15pm (HBK 0103)

LBSC670 *(PermReq)* Information Structure; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37315)** Green, R.
Tu 9:30am-12:15pm (HBK 0115)
0201 **(37316)** Green, R.
Tu 5:30pm-8:15pm (HBK 0115)

LBSC680 *(PermReq)* Principles of Records and Information Management; (3) REG/AUD.
0101 **(37598)** STAFF
Tu 5:30pm-8:15pm (HBK 0103)

LBSC682 *(PermReq)* Management of Electronic Records & Information; (3) REG/AUD.
0101 **(37317)** Halonen, C.
M 5:30pm-8:15pm (HBK 0115)

LBSC690 *(PermReq)* Information Technology; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37326)** Oard, D.
M 5:30pm-8:15pm (CSS 1410)
0201 **(37327)** Allen, R.
W 2:00pm-4:45pm (EGR 3140)
0301 **(37328)** Allen, R.
Th 5:30pm-8:15pm (EGR 3140)

LBSC702 *(PermReq)* User Instruction; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37338)** STAFF
W 5:30pm-8:15pm (HBK 4115)

LBSC707 *(PermReq)* Field Study in Library Service; (3) REG/AUD. *Prerequisites: all core courses and permission of both department and instructor.*
0101 **(37348)** Wilson, W.
Th 3:30pm-5:00pm (HBK 4115)

LBSC708A *(PermReq)* Special Topics in Library and Information Service: Information Retrieval Systems; (1-3) REG/AUD.
0101 **(37358)** Oard, D.
Tu 5:30pm-8:15pm (EGR 3140)

LBSC708B *(PermReq)* Special Topics in Library and Information Service: Current Problems in Preservation; (1-3) REG/AUD.
0101 **(37368)** Sinkule, K.
W 5:30pm-8:15pm (HBK 4113)

LBSC708C *(PermReq)* Special Topics in Library and Information Service: Instructional Materials Development; (3) REG/AUD.
0101 **(37378)** Clabaugh, S.
Tu 5:30pm-8:15pm (PLS 1130)

LBSC708K *(PermReq)* Special Topics in Library and Information Service: Children's Programming and Services; (1-3) REG/AUD.
0101 **(37398)** Freeny, M.
M 5:30pm-8:15pm (HBK 4115)

LBSC708Q *(PermReq)* Special Topics in Library and Information Service: Documentation, Collection, and Appraisal of Records; (1-3) REG/AUD.
0101 **(37408)** Halonen, C.
W 1:00pm-3:45pm (HBK 4113)

LBSC708Y *(PermReq)* Special Topics in Library and Information Service: Group Field Work: Fannie Mae; (3) REG/AUD.
0101 **(37428)** Soergel, D.
Th 9:30am-12:15pm (HBK 4115)

LBSC708Z *(PermReq)* Special Topics in Library and Information Service: Field Study in Archives, Records and Information Management; (1-3) REG/AUD.
0101 **(37438)** Dearstyne, B.
Tu 2:00pm-4:45pm (HBK 4113)

LBSC709 *(PermReq)* Independent Study; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office.

LBSC723 *(PermReq)* Libraries and Information Services in the Social Process; (3) REG/AUD. *Prerequisite: permission of department.*
0101 **(37465)** Macleod, A.
Tu 9:30am-12:15pm (HBK 4113)

LBSC736 *(PermReq)* Designing Information Products and Services; (3) REG/AUD. *Prerequisite: permission of both department and instructor.*
0101 **(37475)** White, M.
Tu 2:00pm-4:45pm (HBK 0103)

LBSC741 *(PermReq)* Seminar in School Library Media Programs; (3) REG/AUD. *Prerequisites: permission of department; and LBSC 643 or permission of instructor.*
0101 **(37485)** STAFF
Th 5:30pm-8:15pm (HBK 0115)

LBSC750 *(PermReq)* Information Access in Electronic Environments; (3) REG/AUD. *Prerequisite: LBSC 650 or permission of instructor.*
0101 **(37495)** White, M.
M 5:30pm-8:15pm (HBK 0103)
0201 **(37496)** Abels, E.
W 9:30am-12:15pm (HBK 0109)

LBSC751 *(PermReq)* Information Access in the Humanities; (3) REG/AUD. *Prerequisite: LBSC 650 or permission of instructor.*
0101 **(37506)** Lindquist, E.
Th 5:30pm-8:15pm (MCK 4137)

LBSC756 *(PermReq)* Information Access in Science and Technology; (3) REG/AUD. *Prerequisite: LBSC 650 or permission of*

instructor.
0101 **(37516)** Kaske, N.
W 5:30pm-8:15pm (HBK 0109)

LBSC762 *(PermReq)* **Abstracting and Indexing Sources in the Health Sciences; (3)** REG/AUD. *Prerequisite: permission of department; and either LBSC 651 or permission of instructor.*
0101 **(37526)** Cogdill, K.
Th 5:30pm-8:15pm (HBK 0105)

LBSC772 *(PermReq)* **Seminar in the Organization of Knowledge; (3)** REG/AUD. *Prerequisite: LBSC 670 or permission of instructor.*
0101 **(37536)** Green, R.
Th 9:30am-12:15pm (HBK 4113)

LBSC775*(PermReq)* **Construction and Maintenance of Index Languages and Thesauri; (3)** REG/AUD. *Prerequisite: LBSC 670 or permission of instructor.*
0101 **(37546)** Soergel, D.
M 5:30pm-8:15pm (HBK 4113)

LBSC787 *(PermReq)* **Planning of Library Facilities; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(37566)** Abels, E.
Th 5:30pm-8:15pm (HBK 0103)

LBSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LBSC899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

LING Linguistics
(Arts and Humanities)

LING200 Introductory Linguistics; (3) REG/P-F/AUD. CORE: SB *Not open to students who have completed ANTH 371 or HESP 120.* Basis for future work in linguistics.
0101 **(37647)** STAFF
TuTh 12:30pm-1:45pm (ARM 0119)
0201 **(37648)** STAFF
TuTh 9:30am-10:45am (ARM 0103)
0301 **(37649)** STAFF
MWF 12:00pm-12:50pm (MMH 3418)
0401 **(37650)** STAFF
MWF 11:00am-11:50am (HBK 1116)
0501 **(37651)** STAFF
MW 4:00pm-5:15pm (MMH 0108)
0601 **(37652)** STAFF
TuTh 3:30pm-4:45pm (MMH 3418)
0801 **(37653)** STAFF
TuTh 11:00am-12:15pm (PLS 1117)

LING240 Language and Mind; (3) REG/P-F/AUD. CORE: HO
0101 **(37663)** Uriagereka, J.
MW 11:00am-12:15pm (COL 3112)

LING311 Syntax I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(37673)** Lightfoot, D.
TuTh 9:30am-10:45am (JMZ 2206)

LING321 Phonology I; (3) REG/P-F/AUD. *Prerequisite: LING 240.*
0101 **(37683)** Benua, L.
TuTh 11:00am-12:15pm (MMH 0108)

LING410 Grammar and Meaning; (3) REG/P-F/AUD. *Prerequisite: LING 312.*
0101 **(37693)** Pietroski, P.
MWF 11:00am-11:50am (HBK 4113)

LING419 *(PermReq)* **Topics in Syntax; (3)** REG/P-F/AUD.
0101 **(37703)** Uriagereka, J.
Time and room to be arranged

LING421 *(PermReq)* **Advanced Phonology; (3)** REG/P-F/AUD. *Prerequisite: LING 322.*
0101 **(37713)** Lombardi, L.
Th 2:00pm-5:00pm (TLF 1101)

LING429 *(PermReq)* **Topics in Phonology; (3)** REG/P-F/AUD.
0101 **(37723)** Lombardi, L.
TuTh 12:15pm-1:45pm (Arranged)

LING444 Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.*
0101 **(37733)** Thornton, R.
TuTh 1:00pm-2:15pm (JMZ 2117)

LING444H Child Language; (3) REG/P-F/AUD. *Prerequisite: LING 200 or LING 240.* For general honors students only.
0101 **(37743)** Thornton, R.
TuTh 1:00pm-2:15pm (JMZ 2117)

LING499 *(PermReq)* **Directed Studies in Linguistics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

LING499H Directed Studies in Linguistics; (3) REG/P-F/AUD.
0101 **(37764)** Lightfoot, D.
Time and room to be arranged

LING610 Syntactic Theory; (3) REG/AUD. *Prerequisite: LING 312.*
0101 **(37774)** Uriagereka, J.
Tu 1:00pm-4:00pm (HBK 0105)

LING620 Phonological Theory; (3) REG/AUD. *Prerequisite: LING 322.*
0101 **(37784)** Lombardi, L.
Th 2:00pm-5:00pm (TLF 1101)

LING640 *(PermReq)* **Sentence Processing; (3)** REG/AUD.
Prerequisite: permission of instructor.
0101 **(37794)** Weinberg, A.
W 9:30am-12:00pm (MMH 1108B)

LING646 *(PermReq)* **Nueral Basis of Speech and Language; (3)** REG/AUD. *Prerequisite: permission of department.*
0101 **(37804)** Poeppel, D.
M 2:00pm-5:00pm (JMZ 2102)

LING689 *(PermReq)* **Independent Study; (1-3)** REG/AUD.
0101 **(37814)** Uriagereka, J.
Time and room to be arranged

LING689A Independent Study; (1-3) REG/AUD.
0101 **(37824)** Thornton, R.
M 9:30am-12:00pm (ARM 0121)

LING689B Independent Study: Introduction to Programming for Linguists; (3) REG/AUD.
0101 **(37834)** Resnik, P.
TuTh 9:30am-10:45am (JMZ 1123)

LING698 Directed Study; (1-3) REG/AUD.
0101 **(37844)** Crain, S.
F 2:00pm-4:00pm (MMH 1304)

LING798 *(PermReq)* **Research Papers in Linguistics; (1-6)** REG.
0101 **(37854)** Uriagereka, J.
Time and room to be arranged

LING799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING819 Seminar in Syntactic Theory; (3) REG/AUD.
0101 **(37875)** Hornstein, N.
W 2:00pm-4:30pm (WDS 1114)

LING889 *(PermReq)* **Directed Research; (1-8)** REG/AUD.
0101 **(37885)** Uriagereka, J.
Time and room to be arranged

LING895 Doctoral Research Paper; (6) REG. Individual Instruction course: contact department or instructor to obtain section number.

LING899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL Applied Mathematics
(Computer, Mathematical and Physical Sciences)

MAPL460 Computational Methods; (3) REG/P-F/AUD. *Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and [CMSC 104 or CMSC 113]. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.*
0101 **(37966)** Cooper, J.
MWF 10:00am-10:50am (CSS 2416)

MAPL466 Introduction to Numerical Analysis I; (3) REG/P-F/AUD. *Prerequisites: [a grade of C or better in MATH 240 and MATH 241]; and CMSC 104. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 or MAPL/CMSC 466.*
0101 **(37976)** Nochetto, R.
MWF 2:00pm-2:50pm (MTH 0302)

MAPL498A Selected Topics in Applied Mathematics; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL660 Scientific Computing I; (3) REG. *Prerequisite: MAPL 460 or MAPL 466, or knowledge of basic numerical analysis (linear equations, nonlinear equations, integration, interpolation) with permission of instructor. Also offered as CMSC 660. Credit will be granted for only one of the following: MAPL 660 or CMSC 660.*
0101 **(37990)** Von Petersdorff, T.
TuTh 12:30pm-1:45pm (MTH 0403)

MAPL670 Ordinary Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 405; and MATH 410 or equivalent. Also offered as MATH 670.* Offered fall only.
0101 **(38000)** Berg, K.
MWF 12:00pm-12:50pm (MTH 0401)

MAPL673 Partial Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent. Also offered as MATH 673. Credit will be granted for only one of the following: MAPL 673 or MATH 673.* Offered fall only.
0101 **(38010)** Machedon, M.
TuTh 11:00am-12:15pm (MTH B0431)

MAPL698A Advanced Topics in Applied Mathematics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MAPL698B Advanced Topics in Applied Mathematics: Computational Fluid Dynamics; (1-4) REG/AUD.
0101 **(38063)** Liu, J.
TuTh 2:00pm-3:15pm (MTH 0411)

MAPL699 Applied Mathematics Seminar: Topics in Applied Mathematics; (1) REG/AUD.
0101 **(38073)** STAFF
Time and room to be arranged

MAPL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MAPL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH Mathematics
(Computer, Mathematical and Physical Sciences)

A student enrolled in MATH A001 for Spring 1999, will have a reserved seat in MATH 001 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advance registration.

MATH001 Review of High School Algebra; (3) REG. *Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge for fall and spring semesters. This course does not carry credit towards any degree at the University.* The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $200 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics.
0101 **(38298)** STAFF
MWF 8:00am-8:50am (MTH 1308)
0102 **(38299)** STAFF
MWF 8:00am-8:50am (MTH 0307)
0103 **(38300)** STAFF
MWF 8:00am-8:50am (MTH 0302)
0104 **(38301)** STAFF
MWF 8:00am-8:50am (MTH B0429)
0201 **(38303)** STAFF
MWF 9:00am-9:50am (MTH 1308)
0202 **(38304)** STAFF
MWF 9:00am-9:50am (MTH 0307)
0203 **(38305)** STAFF
MWF 9:00am-9:50am (MTH 0302)
0204 **(38306)** STAFF
MWF 9:00am-9:50am (MTH B0429)
0301 **(38308)** STAFF
MWF 10:00am-10:50am (MTH 1308)
0302 **(38309)** STAFF
MWF 10:00am-10:50am (MTH 0307)
0303 **(38310)** STAFF
MWF 10:00am-10:50am (MTH 0302)
0401 **(38313)** STAFF
MWF 11:00am-11:50am (MTH 1308)
0402 **(38314)** STAFF
MWF 11:00am-11:50am (MTH B0427)
0403 **(38315)** STAFF
MWF 11:00am-11:50am (MTH 0302)
0501 **(38317)** STAFF
MWF 1:00pm-1:50pm (MTH 0401)
0601 **(38320)** STAFF
MWF 2:00pm-2:50pm (MTH 0401)
A student enrolled in MATH A002 for Spring 1999, will have a reserved seat in MATH 002 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advance registration.

MATH002 Advanced Review of High School Algebra; (3) REG. *Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: a satisfactory score on the* 0312
0332 **(38415)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 11:00am-11:50am (MTH 1311) Dis
0341 **(38416)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 12:00pm-12:50pm (MTH 0302) Dis
0342 **(38417)** STAFF
MWF 12:00pm-12:50pm (ARM 0131)
Tu 12:00pm-12:50pm (MTH 1311) Dis
A student enrolled in MATH A113 for Spring 1999, will have a reserved seat in MATH 113 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advance registration.

MATH113 College Algebra with Applications; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002. Not open to students who have completed MATH 140 or MATH 220 or any course for which MATH 140 or MATH 220 is a prerequisite. Credit will be granted for only one of the following: (MATH 110 or MATH 113), or (MATH 113 or MATH 115).* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(38427)** STAFF
MWF 10:00am-10:50am (MTH 0306)
0102 **(38428)** STAFF
MWF 10:00am-10:50am (MTH 0304)
0103 **(38429)** STAFF
MWF 10:00am-10:50am (MTH 0409)
0104 **(38430)** STAFF
MWF 10:00am-10:50am (MTH B0423)
0105 **(38431)** STAFF
MWF 10:00am-10:50am (MTH B0425)
0201 **(38434)** STAFF
MWF 11:00am-11:50am (MTH 0306)
0202 **(38435)** STAFF
MWF 11:00am-11:50am (MTH 0304)
0203 **(38436)** STAFF
MWF 11:00am-11:50am (MTH 0409)
0204 **(38437)** STAFF
MWF 11:00am-11:50am (MTH B0423)
0205 **(38438)** STAFF
MWF 11:00am-11:50am (MTH B0425)
0301 **(38441)** STAFF
MWF 3:00pm-3:50pm (MTH B0421)
0302 **(38442)** STAFF
MWF 3:00pm-3:50pm (MTH 0306)
0303 **(38443)** STAFF
MWF 3:00pm-3:50pm (MTH 0307)
0304 **(38444)** STAFF
MWF 3:00pm-3:50pm (MTH 0303)
0401 **(38448)** STAFF
MWF 4:00pm-4:50pm (MTH B0421)
0402 **(38449)** STAFF
MWF 4:00pm-4:50pm (MTH 0306)
0403 **(38450)** STAFF
MWF 4:00pm-4:50pm (MTH 0307)
0404 **(38451)** STAFF
MWF 4:00pm-4:50pm (MTH 0303)
0511 **(38455)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 0409) Dis
0512 **(38456)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 1313) Dis
0513 **(38457)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 8:00am-9:15am (MTH 0411) Dis
0521 **(38458)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 0409) Dis
0522 **(38459)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 1313) Dis
0523 **(38460)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 9:30am-10:45am (MTH 0411) Dis
0531 **(38461)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 0409) Dis
0532 **(38462)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 1313) Dis
0533 **(38463)** Stone, J.
MWF 9:00am-9:50am (ARM 0135)
Tu 11:00am-12:15pm (MTH 0411) Dis
A student enrolled in MATH A115 Spring 1999, will have a reserved seat in MATH 115 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advanced registration.

MATH115 Precalculus; (3) REG/P-F/AUD. *Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 002 with a grade of B or better, or MATH 113. Not open to students who have completed MATH 140 or any MATH or STAT course for which MATH 140 is a prerequisite. Credit will be granted for only one of the following: MATH 113 or MATH 115.* Preparation for MATH 220 or MATH 140. All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83.
0101 **(38473)** STAFF
MWF 8:00am-8:50am (MTH 0101)
0102 **(38474)** STAFF
MWF 8:00am-8:50am (MTH 0407)
0103 **(38475)** STAFF
MWF 8:00am-8:50am (MTH 0405)
0201 **(38479)** STAFF
MWF 9:00am-9:50am (MTH 0101)
0202 **(38480)** STAFF
MWF 9:00am-9:50am (MTH 0407)
0203 **(38481)** STAFF
MWF 9:00am-9:50am (MTH 0405)
0301 **(38485)** STAFF
MWF 3:00pm-3:50pm (MTH 0101)
0302 **(38486)** STAFF
MWF 3:00pm-3:50pm (MTH 0407)
0303 **(38487)** STAFF
MWF 3:00pm-3:50pm (MTH 0405)
0401 **(38490)** STAFF
MWF 4:00pm-4:50pm (MTH 0101)
0402 **(38491)** STAFF
MWF 4:00pm-4:50pm (MTH 0407)
0403 **(38492)** STAFF
MWF 4:00pm-4:50pm (MTH 0405)
0711 **(38495)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 0409) Dis
0712 **(38496)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 1313) Dis
0713 **(38497)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 8:00am-9:15am (MTH 0411) Dis
0721 **(38498)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 0409) Dis
0722 **(38499)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 1313) Dis
0723 **(38500)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 9:30am-10:45am (MTH 0411) Dis
0731 **(38501)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 0409) Dis
0732 **(38502)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 1313) Dis
0733 **(38503)** Gulick, F.
MWF 1:00pm-1:50pm (ARM 0135)
Th 11:00am-12:15pm (MTH 0411) Dis
A student enrolled in MATH A140 Spring 1999, will have a reserved seat in MATH 140 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advanced registration.

MATH140 Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the mathematics placement exam, or MATH 115 with a grade of C or better. Credit will be granted for only one of the following: MATH 140 or MATH 220.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83. Emphasis on student interaction in groups, including team approach to solving calculus based problems. There will be 3 one-hour lectures and 2 eighty-minute workshops each week with enhanced assistance and support for students.
0111 **(38513)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH 0403) Dis
0112 **(38514)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 8:00am-9:20am (MTH B0427) Dis
0121 **(38516)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH 0403) Dis
0122 **(38517)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 9:30am-10:50am (MTH B0427) Dis
0131 **(38519)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0403) Dis
0132 **(38520)** Gulick, D.
MWF 8:00am-8:50am (ARM 0126)
TuTh 11:00am-12:20pm (MTH B0427) Dis
0211 **(38521)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 8:00am-9:20am (MTH 0102) Dis
0212 **(38522)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 8:00am-9:20am (MTH 0303) Dis
0221 **(38524)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 9:30am-10:50am (MTH 0102) Dis
0222 **(38525)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 9:30am-10:50am (MTH 0303) Dis
0231 **(38527)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH 0102) Dis
0232 **(38528)** Berg, K.
MWF 10:00am-10:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH 0303) Dis
0311 **(38529)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH B0429) Dis
0312 **(38530)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 11:00am-12:20pm (MTH 0104) Dis
0321 **(38531)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 12:30pm-1:50pm (MTH B0429) Dis
0322 **(38532)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 12:30pm-1:50pm (MTH 0104) Dis
0331 **(38534)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 2:00pm-3:20pm (MTH B0429) Dis
0332 **(38535)** Johnson, R.
MWF 11:00am-11:50am (ARM 0131)
TuTh 2:00pm-3:20pm (MTH 0104) Dis
0411 **(38537)** Laskowski, M.
MWF 12:00pm-12:50pm (SHM 2102)
TuTh 11:00am-12:20pm (MTH 0401) Dis
0412 **(38538)** Laskowski, M.
MWF 12:00pm-12:50pm (SHM 2102)
TuTh 11:00am-12:20pm (MTH B0425) Dis
0421 **(38539)** Laskowski, M.

MWF 12:00pm-12:50pm (SHM 2102)
TuTh 12:30pm-1:50pm (MTH 0401) Dis
0422 **(38540)** Laskowski, M.
MWF 12:00pm-12:50pm (SHM 2102)
TuTh 12:30pm-1:50pm (MTH B0425) Dis
0431 **(38542)** Laskowski, M.
MWF 12:00pm-12:50pm (SHM 2102)
TuTh 2:00pm-3:20pm (MTH 0401) Dis
0432 **(38543)** Laskowski, M.
MWF 12:00pm-12:50pm (SHM 2102)
TuTh 2:00pm-3:20pm (MTH B0425) Dis
0511 **(38545)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH B0423) Dis
0512 **(38546)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 11:00am-12:20pm (MTH 0103) Dis
0521 **(38547)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH B0423) Dis
0522 **(38548)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 12:30pm-1:50pm (MTH 0103) Dis
0531 **(38550)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH B0423) Dis
0532 **(38551)** Adams, J.
MWF 1:00pm-1:50pm (ARM 0126)
TuTh 2:00pm-3:20pm (MTH 0103) Dis

MATH140H Calculus I; (4) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and a satisfactory score on the mathematics placement exam, or MATH 115 with a grade of C or better. Credit will be granted for only one of the following: MATH 140 or MATH 220.* For general honors students only. Offered fall only.
2011 **(38562)** Auslander, J.
MWThF 11:00am-11:50am (MTH B0421)
2021 **(38563)** Cooper, D.
MTuWF 1:00pm-1:50pm (MTH 0305)
2031 **(38564)** Osborn, J.
TuTh 12:30pm-1:45pm (MTH 0106)
W 1:00pm-1:50pm (MTH 0106)

MATH141 Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* All sections will require the use of a TI graphics calculator. Instructor will use a TI-82 or TI-83 calculator
0111 **(38574)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 8:00am-8:50am (MTH 0405) Dis
0121 **(38576)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 9:00am-9:50am (MTH 0405) Dis
0131 **(38578)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 10:00am-10:50am (MTH 0405) Dis
0132 **(38579)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 10:00am-10:50am (MTH 0307) Dis
0141 **(38580)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 11:00am-11:50am (MTH 0405) Dis
0142 **(38581)** Grove, K.
MWF 9:00am-9:50am (ARM 0126)
TuTh 11:00am-11:50am (MTH 0307) Dis
0211 **(38582)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 8:00am-8:50am (MTH 0201) Dis
0221 **(38584)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 9:00am-9:50am (MTH 0201) Dis
0231 **(38586)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0201) Dis
0232 **(38587)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 10:00am-10:50am (MTH 0306) Dis
0241 **(38588)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0201) Dis
0242 **(38589)** Ellis, R.
MWF 11:00am-11:50am (ARM 0135)
TuTh 11:00am-11:50am (MTH 0306) Dis
0311 **(38590)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0307) Dis
0312 **(38591)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 12:00pm-12:50pm (MTH 0201) Dis
0321 **(38592)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0307) Dis
0322 **(38593)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 1:00pm-1:50pm (MTH 0201) Dis
0331 **(38594)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 2:00pm-2:50pm (MTH 0307) Dis
0341 **(38596)** Pego, R.
MWF 12:00pm-12:50pm (ARM 0126)
TuTh 3:00pm-3:50pm (MTH 0307) Dis

MATH141H Calculus II; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221.* For general honors students only. TI graphics calculator required. Instructor will use a TI-82 or TI-83 calculator.
2011 **(38607)** Cohen, J.
MW 11:00am-11:50am (MTH 0105)
F 10:00am-11:50am (MTH 0105)
2111 **(38608)** Pan, S.
MW 1:00pm-1:50pm (MTH 0403)
F 1:00pm-2:50pm (MTH 0403)

MATH210 Elements of Mathematics; (4) REG/P-F/AUD. *Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field.* MATH 210 is open only to the following majors: 08230-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 08020-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ.
0101 **(38618)** STAFF
MW 8:00am-8:50am (MTH 0105)
F 8:00am-9:50am (MTH 0105)
0201 **(38619)** STAFF
MF 9:00am-9:50am (MTH 0103)
Th 8:00am-9:50am (MTH 0103)
0301 **(38620)** STAFF
MW 9:00am-9:50am (MTH 0105)
Th 8:00am-9:50am (MTH 0105)
0401 **(38621)** STAFF
MTh 11:00am-11:50am (MTH 0407)
W 11:00am-12:50pm (MTH 0407)
0501 **(38622)** STAFF
MW 11:00am-11:50am (MTH 1311)
F 11:00am-12:50pm (MTH 1311)

MATH211 Elements of Geometry; (4) REG/P-F/AUD. *Prerequisite: MATH 210.*
0101 **(38632)** STAFF
MW 12:00pm-12:50pm (MTH 1311)
Th 11:00am-12:50pm (MTH 1311)
0201 **(38633)** STAFF
MTh 12:00pm-12:50pm (MTH 0407)
Tu 11:00am-12:50pm (MTH 0407)
0301 **(38634)** STAFF
MTu 1:00pm-1:50pm (MTH 1311)
Th 1:00pm-2:50pm (MTH 1311)
A student enrolled in MATH A220 Spring 1999, will have a reserved seat in MATH 220 for the Fall 1999 semester. The enrollment must be confirmed during Fall 1999 advance registration.

MATH220 Elementary Calculus I; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 113, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220.*
0111 **(38644)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 0101) Dis
0112 **(38645)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 8:00am-8:50am (MTH 1308) Dis
0121 **(38646)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 0101) Dis
0122 **(38647)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 9:00am-9:50am (MTH 1308) Dis
0131 **(38648)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 10:00am-10:50am (MTH 0101) Dis
0141 **(38650)** Lay, D.
MWF 10:00am-10:50am (ARM 0126)
Tu 11:00am-11:50am (MTH 0101) Dis
0211 **(38652)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 8:00am-8:50am (MTH 0101) Dis
0212 **(38653)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 8:00am-8:50am (MTH 1308) Dis
0221 **(38654)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 9:00am-9:50am (MTH 0101) Dis
0222 **(38655)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 9:00am-9:50am (MTH 1308) Dis
0231 **(38656)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 10:00am-10:50am (MTH 0101) Dis
0241 **(38658)** Hamilton, D.
MWF 11:00am-11:50am (ARM 0126)
Th 11:00am-11:50am (MTH 0101) Dis
0311 **(38660)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 12:00pm-12:50pm (MTH 0105) Dis
0312 **(38661)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 12:00pm-12:50pm (MTH 1308) Dis
0321 **(38662)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 1:00pm-1:50pm (MTH 0105) Dis
0322 **(38663)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 1:00pm-1:50pm (MTH 1308) Dis
0331 **(38664)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 2:00pm-2:50pm (MTH 0105) Dis
0332 **(38665)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 2:00pm-2:50pm (MTH 1308) Dis
0341 **(38666)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 3:00pm-3:50pm (MTH 0105) Dis
0342 **(38667)** Rudolph, D.
TuTh 11:00am-12:15pm (ARM 0126)
M 3:00pm-3:50pm (MTH 1308) Dis
0411 **(38668)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 12:00pm-12:50pm (MTH 0105) Dis
0412 **(38669)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 12:00pm-12:50pm (MTH 1308) Dis
0421 **(38670)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 1:00pm-1:50pm (MTH 0105) Dis
0422 **(38671)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 1:00pm-1:50pm (MTH 1308) Dis
0431 **(38672)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 2:00pm-2:50pm (MTH 0105) Dis
0432 **(38673)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 2:00pm-2:50pm (MTH 1308) Dis
0441 **(38674)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 3:00pm-3:50pm (MTH 0105) Dis
0442 **(38675)** Fey, J.
TuTh 12:30pm-1:45pm (ARM 0126)
W 3:00pm-3:50pm (MTH 1308) Dis

MATH221 Elementary Calculus II; (3) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221.*
0111 **(38685)** Washington, L.
MWF 10:00am-10:50am (ARM 0135)
Th 8:00am-8:50am (MTH 0302) Dis
0121 **(38687)** Washington, L.
MWF 10:00am-10:50am (ARM 0135)
Th 9:00am-9:50am (MTH 0302) Dis
0131 **(38689)** Washington, L.
MWF 10:00am-10:50am (ARM 0135)
Th 10:00am-10:50am (MTH 0302) Dis
0141 **(38690)** Washington, L.
MWF 10:00am-10:50am (ARM 0135)
Th 11:00am-11:50am (MTH 0302) Dis
0211 **(38691)** Adams, W.
TuTh 12:30pm-1:45pm (ARM 0135)
F 12:00pm-12:50pm (MTH 0105) Dis
0221 **(38693)** Adams, W.
TuTh 12:30pm-1:45pm (ARM 0135)
F 1:00pm-1:50pm (MTH 0105) Dis
0231 **(38695)** Adams, W.
TuTh 12:30pm-1:45pm (ARM 0135)
F 2:00pm-2:50pm (MTH 0105) Dis
0241 **(38696)** Adams, W.
TuTh 12:30pm-1:45pm (ARM 0135)
F 3:00pm-3:50pm (MTH 0105) Dis

MATH240 Introduction to Linear Algebra; (4) REG/P-F/AUD. CORE: MS *Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461.*
0111 **(38706)** Herb, R.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 12:00pm-12:50pm (MTH 0306) Dis
0121 **(38708)** Herb, R.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 1:00pm-1:50pm (MTH 0306) Dis
0131 **(38710)** Herb, R.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 2:00pm-2:50pm (MTH 0306) Dis
0141 **(38712)** Herb, R.
MWF 12:00pm-12:50pm (ARM 0135)
TuTh 3:00pm-3:50pm (MTH 0306) Dis

MATH241 Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.*
1411 **(38722)** Wolfe, P.
MWF 9:00am-9:50am (ARM 0131)
TuTh 8:00am-8:50am (MTH 0305) Dis
1421 **(38723)** Wolfe, P.
MWF 9:00am-9:50am (ARM 0131)
TuTh 9:00am-9:50am (MTH 0305) Dis
1431 **(38725)** Wolfe, P.
MWF 9:00am-9:50am (ARM 0131)
TuTh 10:00am-10:50am (MTH 0305) Dis
1441 **(38727)** Wolfe, P.
MWF 9:00am-9:50am (ARM 0131)
TuTh 11:00am-11:50am (MTH 0305) Dis
1601 **(38728)** Chu, H.
M 9:00am-10:50am (MTH 0403)
WF 9:00am-9:50am (MTH 0403)
1701 **(38729)** Cooper, J.
MWF 12:00pm-12:50pm (MTH B0421)
Tu 11:00am-11:50am (MTH B0421)
1801 **(38730)** O'Sullivan, C.
TuTh 2:00pm-3:15pm (MTH 0403)
M 2:00pm-2:50pm (MTH 0403)
1901 **(38731)** Goldman, W.
TuTh 2:00pm-3:15pm (MTH 0405)
W 2:00pm-2:50pm (MTH 0403)
2001 **(38732)** Winkelnkemper, H.
TuTh 3:30pm-4:45pm (MTH 0403)
W 3:00pm-3:50pm (MTH 0403)
2101 **(38733)** Von Petersdorff, T.
TuTh 3:30pm-4:45pm (MTH 0305)
W 4:00pm-4:50pm (MTH 0305)

MATH241C Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.*
2201 **(38743)** Green, P.
MWF 9:00am-9:50am (MTH B0421)
Tu 9:30am-10:45am (EGR 3140)
2301 **(38744)** Coombes, K.
MWF 10:00am-10:50am (MTH B0421)
Th 9:30am-10:45am (EGR 3140)

MATH241H Calculus III; (4) REG/P-F/AUD. *Prerequisites: MATH 141 and any one of the following: MATH 240 or ENES 102 or PHYS 161 or PHYS 171.* For general honors students only.
2011 **(38754)** Rosenberg, J.
M 11:00am-11:50am (EGR 3140)
W 10:00am-11:50am (MTH 0403)
F 11:00am-11:50am (MTH 0403)

MATH246 Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
0101 **(38764)** Nochetto, R.
MWF 10:00am-10:50am (MTH 0405)
0201 **(38765)** Dancis, J.
MWF 11:00am-11:50am (MTH 0106)
0301 **(38766)** Jakobson, M.
MWF 12:00pm-12:50pm (MTH 0306)
0401 **(38767)** Schafer, J.
TuTh 11:00am-12:15pm (MTH 0304)
0501 **(38768)** Millson, J.
TuTh 12:30pm-1:45pm (MTH 0101)

MATH246E Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.* Restricted to students in the College of Engineering.
0801 **(38778)** Morin, P.
MWF 9:00am-9:50am (MTH 0409)
0901 **(38779)** Wu, S.
MWF 12:00pm-12:50pm (MTH 0304)
1001 **(38780)** Grillakis, M.
TuTh 12:30pm-1:45pm (MTH 0405)

MATH246H Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or equivalent.*
2011 **(38790)** Nochetto, R.
MWF 12:00pm-12:50pm (MTH B0429)

MATH299A *(PermReq)* **Selected Topics in Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH310 Introduction to Analysis; (3) REG. *Prerequisite: MATH 141. Corequisite: MATH 241. Math majors may not use this course to satisfy an upper-level requirement.*
0101 **(38804)** Pego, R.
MWF 2:00pm-2:50pm (MTH 0305)

MATH350 *(PermReq)* **Analysis I (Honors); (4)** REG/P-F/AUD. *Prerequisite: permission of department. Credit will be granted for only one of the following: MATH 350 or MATH 250. Formerly MATH 250.*
0101 **(38814)** Brin, M.
MF 11:00am-11:50am (MTH 0103)
W 10:00am-11:50am (MTH 0103)

MATH386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

MATH401 Applications of Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(38826)** Green, P.
MWF 11:00am-11:50am (MTH 0201)
0201 **(38827)** Chu, H.
MWF 12:00pm-12:50pm (MTH 0403)
0301 **(38828)** Dancis, J.
MWF 2:00pm-2:50pm (MTH 0409)

MATH402 Algebraic Structures; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403.* Students planning graduate work in mathematics should take MATH 403.
0101 **(38838)** Cohen, J.
MWF 12:00pm-12:50pm (MTH B0425)

MATH403 Introduction to Abstract Algebra; (3) REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403.*
0101 **(38848)** Coombes, K.
MWF 12:00pm-12:50pm (MTH 0409)

MATH405 Linear Algebra; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(38858)** Herb, R.
MWF 10:00am-10:50am (MTH 0106)

MATH406 Introduction to Number Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 141 or permission of department.*
0101 **(38868)** Helzer, G.
MWF 2:00pm-2:50pm (MTH 1311)
0201 **(38869)** STAFF
TuTh 9:30am-10:45am (MTH 0407)

MATH410 *(PermReq)* **Advanced Calculus I; (3)** REG/P-F/AUD. *Prerequisites: MATH 240 and MATH 241 with a grade of C or better. Not open to students who have completed MATH 250.*
0101 **(38879)** Sweet, D.
MWF 1:00pm-1:50pm (MTH 0302)
0201 **(38880)** Machedon, M.
TuTh 2:00pm-3:15pm (MTH B0421)

MATH411 *(PermReq)* **Advanced Calculus II; (3)** REG/P-F/AUD. *Prerequisite: MATH 410. Not open to students who have completed MATH 250 and MATH 251.*
0101 **(38890)** Wu, S.
MWF 12:00pm-12:50pm (MTH 0102)

MATH414 Differential Equations; (3) REG/P-F/AUD. *Prerequisites: MATH 410; and MATH 240 or equivalent.*
0101 **(38900)** Sweet, D.
MWF 9:00am-9:50am (MTH 0102)

MATH420 *(PermReq)* **Mathematical Modeling; (3)** REG/P-F/AUD. CORE: CS *Prerequisites: MATH 246 and STAT 400.*
0101 **(38910)** Hunt, B.
MWF 2:00pm-2:50pm (MTH 1313)

MATH430 Euclidean and Non-Euclidean Geometries; (3) REG/P-F/AUD. *Prerequisite: MATH 141.*
0101 **(38920)** Winkelnkemper, H.
TuTh 12:30pm-1:45pm (MTH 0304)

MATH431 Geometry for Computer Graphics; (3) REG/P-F/AUD. *Prerequisite: MATH 240 or MATH 461.*
0101 **(38930)** Helzer, G.
MWF 12:00pm-12:50pm (MTH 0201)

MATH436 Differential Geometry of Curves and Surfaces I; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and either MATH 240 or MATH 461.*
0101 **(38940)** Goldman, W.
TuTh 11:00am-12:15pm (MTH 0105)

MATH445 Elementary Mathematical Logic; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*
0101 **(38950)** Lopez-Escobar, E.
MWF 1:00pm-1:50pm (MTH 0411)

MATH450 Logic for Computer Science; (3) REG/P-F/AUD. *Prerequisites: (CMSC 251 and MATH 141) (with grade of C or better). Also offered as CMSC 450. Credit will be granted for only one of the following: MATH 445 or MATH 450/CMSC 450.*
0101 **(38960)** Lopez-Escobar, E.
MWF 2:00pm-2:50pm (MTH 2300)

MATH461 Linear Algebra for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461.*
0101 **(38970)** Auslander, J.
MWF 9:00am-9:50am (MTH 0106)
0201 **(38971)** Lay, D.
MWF 12:00pm-12:50pm (MTH 0106)
0301 **(38972)** Warner, C.
MWF 1:00pm-1:50pm (MTH 0409)
0401 **(38973)** Li, B.
MWF 2:00pm-2:50pm (MTH 0106)
0501 **(38974)** Osborn, J.
TuTh 3:30pm-4:45pm (MTH 0405)

MATH462 Partial Differential Equations for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415.* Section 0301 will be taught jointly by C. Grebogi and B. Hunt.
0101 **(38984)** Li, B.
MWF 12:00pm-12:50pm (MTH 0305)

MATH463 Complex Variables for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisite: MATH 241 or equivalent.*
0101 **(38994)** Grove, K.
MWF 11:00am-11:50am (MTH 0305)
0201 **(38995)** Ellis, R.
MWF 1:00pm-1:50pm (MTH 1313)
0301 **(38996)** Grillakis, M.
TuTh 3:30pm-4:45pm (MTH 0101)

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. MATH

478A cannot be used toward the upper level MATH requirements for MATH/STAT majors. Earn credit for assisting in the classroom for selected mathematics courses. For further information come to MTH 1117.

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH600 Abstract Algebra I; (3) REG/AUD. *Prerequisite: MATH 405 or equivalent.* Offered fall only.
0101 **(39050)** Adams, W.
TuTh 9:30am-10:45am (MTH 0106)

MATH608A Selected Topics in Algebra; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH608B Selected Topics in Algebra: Elliptic Curves; (1-3) REG/AUD.
0101 **(39070)** Washington, L.
MWF 12:00pm-12:50pm (MTH 2300)

MATH620 Algebraic Number Theory I; (3) REG/AUD. *Prerequisite: MATH 601.*
0101 **(39080)** Rosenberg, J.
MWF 1:00pm-1:50pm (MTH 2300)

MATH630 Real Analysis I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent.*
0101 **(39090)** Warner, C.
MWF 10:00am-10:50am (MTH 0407)

MATH642 Dynamical Systems I; (3) REG/AUD. *Prerequisites: MATH 432; and MATH 630 or equivalent.* Offered fall only.
0101 **(39100)** Brin, M.
MWF 1:00pm-1:50pm (MTH 0104)

MATH648A Selected Topics in Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH648C Selected Topics in Analysis: Wavelet Theory and Applications; (1-3) REG/AUD.
0101 **(39142)** Benedetto, J.
TuTh 9:30am-10:45am (MTH 0401)

MATH648D Selected Topics in Analysis: Dynamical Systems; (1-3) REG/AUD.
0101 **(39152)** Jakobson, M.
MWF 10:00am-10:50am (MTH 0104)

MATH660 Complex Analysis I; (3) REG/AUD. *Prerequisite: MATH 410 or equivalent.*
0101 **(39162)** Hamilton, D.
MWF 2:00pm-2:50pm (MTH B0431)

MATH668A Selected Topics in Complex Analysis; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH670 Ordinary Differential Equations I; (3) REG/AUD. *Prerequisites: MATH 405; and MATH 410 or the equivalent. Also offered as MAPL 670.* Offered fall only.
0101 **(39176)** Berg, K.
MWF 12:00pm-12:50pm (MTH 0401)

MATH673 Partial Differential Equations I; (3) REG/AUD. *Prerequisite: MATH 411 or equivalent. Also offered as MAPL 673. Credit will be granted for only one of the following: MATH 673 or MAPL 673.* Offered fall only.
0101 **(39186)** Machedon, M.
TuTh 11:00am-12:15pm (MTH B0431)

MATH695 Teaching Seminar; (1) REG. *For MATH majors only.*
0101 **(39196)** STAFF
TuTh 3:30pm-5:00pm (MTH 0103)

MATH712 Mathematical Logic I; (3) REG/AUD. Offered fall only.
0101 **(39206)** Kueker, D.
MWF 11:00am-11:50am (MTH 0102)

MATH715 Topics in Model Theory; (3) REG/AUD. *Prerequisite: MATH 712.*
0101 **(39216)** Laskowski, M.
MWF 10:00am-10:50am (MTH 0102)

MATH718A Selected Topics in Mathematical Logic; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH730 Fundamental Concepts of Topology; (3) REG/AUD. *Prerequisites: [MATH 410; and MATH 411; and MATH 403] or equivalent.*
0101 **(39230)** Schafer, J.
TuTh 2:00pm-3:15pm (MTH 0302)

MATH740 Riemannian Geometry; (3) REG/AUD. *Prerequisites: [MATH 405; and MATH 411] or equivalent.*
0101 **(39240)** Iozzi, A.
MWF 9:00am-9:50am (MTH 0411)

MATH744 Lie Groups I; (3) REG/AUD. *Prerequisite: [MATH 403; MATH 405; MATH 411 and MATH 432] or equivalent.*
0101 **(39250)** Adams, J.
MWF 11:00am-11:50am (MTH 0104)

MATH748A Selected Topics in Geometry and Topology; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MATH748B Selected Topics in Geometry and Topology: Moduli Spaces, Geometric Structures & Symplectic Geometry; (3) REG/AUD.
0201 **(39274)** Schwartz, R.
MWF 4:00pm-4:50pm (MTH 0102)

MATH799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MATH899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES Marine-Estuarine-Environmental Sciences
(Life Sciences)

MEES608B Seminar in Marine-Estuarine-Environmental Sciences: Current Topics in Aquatic Toxicology; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(39532)** Haasch, M.
M 3:30pm-4:30pm (Arranged)

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Ecosystem Approaches in Fisheries Management; (1) REG/AUD. Course is taught at the Chesapeake Biological Laboratory.
0101 **(39542)** Fogarty, M.
W 3:00pm-4:00pm (Arranged)

MEES608I Seminar in Marine-Estuarine-Environmental Sciences: VIRTUE - Topics in Marine Science; (1) REG. Course is taught at the center of Marine Biotechnology, Baltimore.
0101 **(39552)** Jones, W.
Meets 09/22/99-12/16/99
W 9:00am-11:00am (Arranged)

MEES608L Seminar in Marine-Estuarine-Environmental Sciences: Current Issues in Aquaculture and Fisheries Science; (1) REG. Course is taught at the Horn Point Laboratory and the UMES campus.
0101 **(39562)** Harrell, R.
F 2:00pm-3:00pm (Arranged)

MEES608P Seminar in Marine-Estuarine-Environmental Sciences: Behavioral Ecology and Conservation Biology; (1) REG. Course is taught at the Appalachian Laboratory, Frostburg.
0101 **(39572)** Mc Kaye, K.
Time and room to be arranged

MEES608S Seminar in Marine-Estuarine-Environmental Sciences: Seminar in Marine-Estuarine-Environmental Sciences: Scientific Presentation; (1) REG. Course is taught at the Center of Marine Biotechnology, Baltimore.
0101 **(39582)** Sowers, K.
Th 4:00pm-5:00pm (Arranged)

MEES608Y Seminar in Marine-Estuarine-Environmental Sciences: Important Issues in Ecology and Environmental Science; (1) REG. Course is taught at the Appalachian Laboratory in Frostburg, MD.
0101 **(39592)** Gates, J.
Th 3:00pm-4:00pm (Arranged)

MEES630 Benthic Ecology; (3) REG. *Prerequisite: permission of instructor. Recommended: MEES 621 and MEES 661.* Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network
0101 **(39602)** Newell, R.
MW 9:00am-10:30am (SKN 0101)

MEES631 Fish Ecology; (3) REG. *Prerequisite: BIOM 401 or permission of instructor.* Course is taught at the Chesapeake Biological Laboratory and on the Inte ractive Video Network
0101 **(39612)** Miller, T.
TuTh 10:00am-11:30am (SKN 0101)

MEES641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243.*
0101 **(39622)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1172)

MEES650 Wetland Ecology; (3) REG. *Prerequisite: BIOM 301 or permission of department. Also offered as NRMT 450. Credit will be granted for only one of the following: MEES 650 or NRMT 450.*
0101 **(39632)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 8:30am-12:20pm (ANS 0538)

MEES661 Physics of Estuarine and Marine Environments; (3) REG/AUD. *Prerequisite: one year of calculus and one year of physics or permission of instructor.* Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(39642)** Boicourt, W.
MW 1:30pm-3:30pm (SKN 0101)
F 1:00pm-2:00pm (SKN 0101) Dis

MEES698C Special Topics in Marine-Estuarine-Environmental Sciences: Aquaculture; (3) REG/AUD. Course is taught at the Horn Point Laboratory and on the Interactive Vid eo Network
0101 **(39652)** Harrell, R.
TuTh 8:30am-10:00am (SKN 0101)

MEES698D Special Topics in Marine-Estuarine-Environmental Sciences: Aquatic Microbial Ecology; (3) REG/AUD. Course is taught at the Horn Point Laboratory and on the Interactive Vid eo Network
0101 **(39662)** Del Giorgio, P.
F 9:00am-12:00pm (SKN 0101)

MEES698E Special Topics in Marine-Estuarine-Environmental Sciences: Natural History and Ecology of the Chesapeake Bay; (2) REG. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(39672)** Mihursky, J.
Th 3:00pm-5:00pm (SKN 0101)

MEES698L Special Topics in Marine-Estuarine-Environmental Sciences: Environmental Geochemistry I; (3) REG/AUD. Course is taught at the Chesapeake Biological Laboratory and on the Interactive Video Network.
0101 **(39682)** Mason, R.
MW 11:00am-12:30pm (SKN 0101)

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Regulation of Photosynthesis and Primary Productivity; (3) REG/AUD. Course is taught at the Horn Point Laboratory and on the Interactive Video Network.
0101 **(39692)** Kana, T.
Th 9:00am-12:00pm (SKN 0101)

MEES698N Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Habitat Ecology and Analysis; (2) REG/AUD. Course is taught at the Appalachian Laboratory, Frostburg and on the Interactive Video Network.
0101 **(39702)** Gates, J.
MW 12:30pm-1:30pm (SKN 0101)

MEES698O Special Topics in Marine-Estuarine-Environmental Sciences: Hydrological Effects of Land Use Change; (3) REG. Course is taught at the Appalachian Laboratory and on the Interactive Vi deo Network
0101 **(39712)** Eshleman, K.
TuTh 12:00pm-1:30pm (SKN 0101)

MEES698R Special Topics in Marine-Estuarine-Environmental Sciences: Ecosystem Ecology; (3) REG/AUD. Course is taught on the Interactive Video Network.
0101 **(39722)** Seagle, S.
TuTh 1:30pm-3:00pm (SKN 0101)

MEES698S Special Topics in Marine-Estuarine-Environmental Sciences: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Course is taught on the Interactive Video Network. Crosslisted with ZOOL 708U.
0101 **(39732)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MEES799 Masters Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MEES899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

METO Meteorology
(Computer, Mathematical and Physical Sciences)

METO200 Weather and Climate; (3) REG/P-F/AUD. CORE: PS *Prerequisites: MATH 110 or MATH 115. Recommended as a corequisite: METO 201.*
0101 **(40126)** Hudson, R.
TuTh 12:30pm-1:45pm (CSS 1113)
W 2:00pm-2:50pm (CSS 2416) Dis
0102 **(40127)** Hudson, R.
TuTh 12:30pm-1:45pm (CSS 1113)
W 3:00pm-3:50pm (CSS 2428) Dis

METO201 Weather and Climate Laboratory; (1) REG/P-F/AUD. CORE: PL *Corequisite: METO 200.*
0101 **(40137)** Hudson, R.
W 8:00am-10:30am (CSS 3426) Lab

METO434 Air Pollution; (3) REG/P-F/AUD. *Prerequisites: [CHEM 113 and MATH 241] or permission of department.*
0101 **(40147)** Doddridge, B.
TuTh 2:00pm-3:15pm (CSS 2106)

METO499 *(PermReq)* **Special Problems in Atmospheric Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO499A Special Problems in Atmospheric Science: Meteorology for Scientists and Engineers I; (3) REG/P-F/AUD.
0101 **(40166)** Thompson, O.
TuTh 9:30am-10:45am (CSS 2416)

METO600 Synoptic Meteorology I; (3) REG/AUD. *Pre- or corequisites: METO 610; and METO 620.*
0101 **(40176)** STAFF
TuTh 3:30pm-4:45pm (CSS 2428)

METO610 Dynamic Meteorology I; (3) REG/AUD. *Pre- or corequisite: MATH 462.*
0101 **(40186)** Zhang, D.
MWF 9:00am-9:50am (CSS 2416)

METO614 Computational Methods for Atmospheric and Oceanic Modeling; (3) REG/AUD. *Prerequisite: METO 611 or equivalent.*
0101 **(40196)** Baer, F.
TuTh 2:00pm-3:15pm (CSS 2114)

METO617 General Circulation of the Atmosphere; (3) REG/AUD. *Prerequisite: METO 610.*
0101 **(40206)** Pinker, R.
MW 11:00am-12:15pm (CSS 2416)

METO620 Physical Meteorology I; (3) REG/AUD. *Prerequisite: MATH 461.*
0101 **(40216)** Ellingson, R.
TuTh 2:00pm-3:15pm (CSS 2330)

METO625 Remote Inference of Atmospheric Properties by Satellite; (3) REG/AUD. *Prerequisites: METO 621; and MATH 461.*
0101 **(40226)** Thompson, O.
TuTh 12:30pm-1:45pm (CSS 2114)

METO637 Atmospheric Chemistry; (3) REG/AUD. *Prerequisites: CHEM 481 or METO 620. Also offered as CHEM 637.*
0101 **(40236)** Dickerson, R.
MF 2:00pm-2:50pm (CSS 2416)

METO658E *(PermReq)* **Special Topics in Meteorology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

METO670 General Circulation of the Ocean; (3) REG/AUD. *Prerequisite: METO 610 or equivalent.*
0101 **(40257)** Carton, J.
MW 3:00pm-4:15pm (CSS 2106)

METO798 Directed Graduate Research; (1-3) S-F. Individual Instruction course: contact department or instructor to obtain section number. Course intended for those students not yet admitted to PhD candidacy to work on research with a professor.

METO899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MICB Microbiology
(Life Sciences)

All Undergraduate courses in the Biological Sciences are now listed in a single course listing under the heading BSCI. Please refer to that section. Only graduate courses are provided in the listing below.

MICB688 *(PermReq)* **Special Topics; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MICB688A Special Topics: Research Experiences; (3) REG/AUD.
0101 **(40367)** Cooke, T.
W 4:00pm-5:00pm (HJP 1216)

MICB688C *(PermReq)* **Special Topics: Marine Biotechnology; (1)** REG/AUD.
0101 **(40377)** Weiner, R.
F 9:00am-10:00am (MCB 2119)

MICB688G Special Topics: Genetic Approaches to Cell and Developmental Biology; (2) REG/AUD.
0101 **(40387)** Liu, Z.
M 4:00pm-6:00pm (HJP 1216)

MICB688I *(PermReq)* **Special Topics: Immunology Seminar; (1)** REG/AUD.
0101 **(40397)** Pontzer, C.
F 9:00am-10:00am (MCB 1121)

MICB688J *(PermReq)* **Special Topics: Current Topics in Bacterial Pathogenesis; (1)** REG/AUD.
0101 **(40407)** Joseph, S.
Time and room to be arranged

MICB701 Teaching Microbiology; (1) S-F. *For LFSC graduate students only.*
0101 **(40417)** Gdovin, S.
F 10:00am-11:00am (MCB 2119)

MICB750 Advanced Immunology; (3) REG/AUD. *Prerequisite: BCHM 462 or equivalent.*
0101 **(40427)** Farber, D.
TuTh 4:00pm-5:15pm (MCB 2119)

MICB760 Advanced Virology; (3) REG/AUD. *Prerequisite: BSCI 424 or equivalent.*
0101 **(40437)** STAFF
M 4:00pm-7:00pm (MCB 2119)

MICB788 Seminar; (1) REG/AUD.
0101 **(40447)** STAFF
F 12:00pm-12:50pm (MCB 1207)
F 3:00pm-5:00pm (MCB 1207) Dis

MICB799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

MICB899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MOCB Molecular and Cell Biology
(Life Sciences)

MOCB608 *(PermReq)* **Molecular and Cell Biology Seminar: Organellar Protein Import; (1)** REG.
0101 **(40564)** Gantt, E.
Tu 12:00pm-12:50pm (MCB 1121)

MOCB630 *(PermReq)* **Eukaryote Molecular Genetics; (3)** REG/AUD. *Prerequisite: ZOOL 446 or permission of department. Also offered as ENTM 630.*
0101 **(40574)** Mount, S.
MWF 9:00am-9:50am (PLS 1117)

MOCB699 *(PermReq)* **Laboratory Rotation; (2-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

MOCB899 Doctoral Dissertation Research; (1-8) S-F. Individual Instruction course: contact department or instructor to obtain section number.

MSWE Master of Software Engineering
(Computer, Mathematical and Physical Sciences)

MSWE613 Software Environments; (3) REG/AUD. *Prerequisite: MSWE 607.*
0101 **(40753)** Shneiderman, B.
Tu 6:15pm-8:45pm (CSS 2428)

MUED Music Education
(Arts and Humanities)

MUED411 Instrumental Music: Methods and Materials For the Elementary School; (3) REG/AUD.
0101 **(40803)** Woody, R.
TuTh 9:00am-10:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUED470 *(PermReq)* **General Concepts For Teaching Music; (1)** REG/AUD. *Corequisite: MUED 411 or MUED 471.*
0101 **(40813)** Folstrom, R.
TuTh 11:00am-11:50am (TWS 3238)

MUED471 Methods For Teaching Elementary General Music; (3) REG/AUD.
0101 **(40823)** McCarthy, M.
TuTh 9:00am-10:50am (TWS 3132)

MUED499A Workshops, Clinics, Institutes: Music Cultures in the Classroom; (3) REG/P-F/AUD.
0101 **(40833)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED499B *(PermReq)* **Workshops, Clinics, Institutes: Survey of Music Technology for Educators; (3)** REG/P-F/AUD.
0101 **(40843)** Woody, R.
W 6:30pm-9:00pm (TWS 3132)

MUED499C Workshops, Clinics, Institutes: Teaching Techniques for String Class; (3) REG/P-F/AUD.
0101 **(40853)** STAFF
Tu 6:30pm-9:00pm (TWS 3116)

MUED687 Music Cultures in the Classroom I: Philosophy and Curriculum Development; (3) REG/AUD. *For MUED majors only.*
0101 **(40863)** McCarthy, M.
Tu 6:30pm-9:00pm (TWS 3132)

MUED692 Foundations of Music Education; (3) REG/AUD.
0101 **(40873)** Folstrom, R.
M 7:00pm-9:30pm (TWS 3132)

MUED698B *(PermReq)* **Current Trends in Music Education: Survey of Music Technology for Educators; (3)** REG/AUD.
0101 **(40883)** Woody, R.
W 6:30pm-9:00pm (TWS 3132)

MUED698C Current Trends in Music Education: Teaching Techniques for String Classes & Ensembles; (3) REG/AUD.
0101 **(40893)** STAFF
Tu 6:30pm-9:00pm (TWS 3116)

MUSC School of Music
(Arts and Humanities)

MUSC100 Beginning Class Voice; (2) REG.
0101 **(40943)** STAFF
MW 2:00pm-2:50pm (TWS 2123)
0201 **(40944)** STAFF
MW 11:00am-11:50am (TWS 2135)
0301 **(40945)** STAFF
MW 12:00pm-12:50pm (TWS 2135)
0401 **(40946)** STAFF
TuTh 3:00pm-3:50pm (TWS 2138)
0501 **(40947)** STAFF
MW 10:00am-10:50am (TWS 2123)

MUSC102 *(PermReq)* **Beginning Class Piano I; (2)** REG. Recommended for MUED and MUSC majors with little or no piano experience.
0101 **(40957)** Elliston, R.
MWF 12:00pm-12:50pm (TWS 3218)
0201 **(40958)** Elliston, R.
MWF 11:00am-11:50am (TWS 3218)

MUSC106 Beginning Classical Guitar Class; (2) REG/P-F/AUD. For students with no previous musical experience.
0101 **(40968)** Cavallaro, G.
MW 11:00am-11:50am (TWS 1102)

MUSC110 *(PermReq)* **Class Study of String Instruments; (2)** REG/P-F. *Open only to majors in music education (vocal option).*
0101 **(40978)** STAFF
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (Arranged) Lab

MUSC114 *(PermReq)* **Class Study: Cello and Bass; (2)** REG/P-F/AUD. *Open only to majors in music education (instrumental option).*
0101 **(40988)** STAFF
MWF 9:00am-9:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC116 *(PermReq)* **Class Study: Clarinet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 **(40998)** Walters, E.
MWF 8:00am-8:50am (TWS 1102)
Tu 8:00am-8:50am (TWS 1102) Lab

MUSC120 *(PermReq)* **Class Study: Cornet; (2)** REG/AUD. *Open only to majors in music education (instrumental option).*
0101 **(41008)** STAFF
MWF 10:00am-10:50am (TWS 1102)
Tu 8:00am-8:50am (Arranged) Lab

MUSC126 Vocal Diction: English and Latin; (1) REG/P-F/AUD.
0101 **(41018)** Rainbolt, S.
TuTh 2:00pm-2:50pm (TWS 2102)

MUSC128 *(PermReq)* **Sight Reading For Pianists; (2)** REG. For Bachelor of Music piano majors only.
0101 **(41028)** Dedova, L.
MW 10:00am-10:50am (TWS 3131)

MUSC129A *(PermReq)* **Ensemble: Chamber Music - Strings; (1)** REG.
0101 **(41038)** Salness, D.
MW 5:15pm-6:30pm (TWS 2102)

MUSC129B Ensemble: Chamber Music - Woodwinds; (1) REG.
0101 **(41048)** Hill, M.
MW 5:15pm-6:30pm (TWS 3238)
0301 **(41049)** Underwood, D.
W 7:30pm-8:30pm (TWS 1127)
0401 **(41050)** Walters, E.
TBA (TWS 3145)

MUSC129C Ensemble: Chamber Music - Brasses; (1) REG.
0101 **(41060)** Girdler, J.
F 1:00pm-2:30pm (TWS 1102)
0201 **(41061)** Stevens, M.
TBA (TWS 3121)
0301 **(41062)** Gekker, P.
Time and room to be arranged
0401 **(41063)** Girdler, J.
F 11:00am-12:30pm (TWS 1102)
0501 **(41064)** Girdler, J.
TBA (TWS 3121)

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; (1) REG.
0101 **(41074)** Barnett, R.
TuTh 11:00am-12:15pm (TWS 1102)

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; (1) REG.
0101 **(41084)** Barnett, R.
TBA (TWS 1205)

MUSC129I *(PermReq)* **Ensemble: Chamber Music - 20th Century Ensemble; (1)** REG/P-F/AUD.
0101 **(41094)** STAFF
Time and room to be arranged

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; (1) REG.
0101 **(41104)** Kouyate, D.
Th 7:00pm-8:30pm (TWS 3238)
Section 0101 - African drumming.

0201 **(41105)** Okamoto, K.
M 7:00pm-8:30pm (TWS 3238)
Section 0201 - Japanese Koto.

MUSC129M Ensemble: Chamber Music - Flute Choir; (1) REG.
0101 **(41115)** Montgomery, W.
TBA (TWS 3125)

MUSC130 Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.*
0101 **(41125)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 9:00am-9:50am (TWS 2102) Lab
0102 **(41126)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 10:00am-10:50am (TWS 2123) Lab
0103 **(41127)** STAFF
MW 9:00am-9:50am (TWS 2102)
F 11:00am-11:50am (TWS 2123) Lab
0201 **(41128)** STAFF
MW 10:00am-10:50am (TWS 2102)
F 10:00am-10:50am (TWS 2102) Lab
0202 **(41129)** STAFF
MW 10:00am-10:50am (TWS 2102)
F 9:00am-9:50am (TWS 2123) Lab
0301 **(41130)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 11:00am-11:50am (TWS 2102) Lab
0302 **(41131)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 9:00am-9:50am (TWS 3238) Lab
0303 **(41132)** Davis, S.
MW 11:00am-11:50am (TWS 2102)
F 12:00pm-12:50pm (TWS 2123) Lab

MUSC130H Survey of Music Literature; (3) REG/AUD. CORE: HA *Open to all students except music and music education majors.* For general honors students only.
0203 **(41142)** STAFF
MW 10:00am-10:50am (TWS 2102)
F 11:00am-11:50am (TWS 3116) Dis

MUSC140 Music Fundamentals I; (3) REG/AUD. CORE: HA *Limited to non-music majors.*
0101 **(41152)** STAFF
MWF 1:00pm-1:50pm (TWS 2102)
0201 **(41153)** STAFF
MWF 12:00pm-12:50pm (TWS 2102)
0301 **(41154)** STAFF
TuTh 11:00am-12:15pm (TWS 2102)
0401 **(41155)** STAFF
TuTh 12:30pm-1:45pm (TWS 2123)

MUSC150 *(PermReq)* **Theory of Music I; (3)** REG. *Prerequisite: departmental audition and entrance examination. For MUSC majors only.*
0101 **(41165)** Layton, R.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2123) Lab
0102 **(41166)** Layton, R.
MWF 9:00am-9:50am (TWS 3116)
TuTh 9:00am-9:50am (TWS 2135) Lab
0201 **(41167)** Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2138) Lab
0202 **(41168)** Payerle, L.
TuThF 9:00am-9:50am (TWS 2138)
MW 9:00am-9:50am (TWS 2135) Lab

MUSC155 Fundamentals for the Classroom Teacher; (3) REG/P-F/AUD. *Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155.*
0101 **(41178)** STAFF
MWF 11:00am-11:50am (TWS 3238)
0201 **(41179)** STAFF
MWF 10:00am-10:50am (TWS 3238)
0301 **(41180)** STAFF
TuTh 9:30am-10:45am (TWS 3238)
0401 **(41181)** STAFF
TuTh 2:00pm-3:15pm (TWS 3238)

MUSC200 Intermediate Class Voice I; (2) REG/AUD. *Prerequisite: MUSC 100 or equivalent vocal training.*
0101 **(41191)** STAFF
TuTh 11:00am-11:50am (TWS 2138)

MUSC202 *(PermReq)* **Intermediate Class Piano I; (2)** REG. *Prerequisite: MUSC 103 or equivalent piano training.* Only for voice and instrumental principals with limited piano experience.
0101 **(41201)** Elliston, R.
MWF 9:00am-9:50am (TWS 3218)

MUSC210 The Impact of Music on Life; (3) REG. CORE: HA DIVERSITY
0101 **(41211)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 2135) Dis
0102 **(41212)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 2138) Dis
0103 **(41213)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2123) Dis
0104 **(41214)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 1:00pm-1:50pm (TWS 3116) Dis
0105 **(41215)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis
0106 **(41216)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 2135) Dis
0107 **(41217)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 0147) Dis
0108 **(41218)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 2:00pm-2:50pm (TWS 0147) Dis
0109 **(41219)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 3:00pm-3:50pm (TWS 0147) Dis

MUSC210+ The Impact of Music on Life; (3) REG/P-F/AUD. CORE: HA DIVERSITY Restricted to College Park Scholars - Arts.
0105 **(41229)** Schuyler, P.
MW 1:00pm-1:50pm (PHY 1412)
F 12:00pm-12:50pm (TWS 3116) Dis

MUSC227 Vocal Diction: German; (1) REG/P-F/AUD.
0101 **(41239)** McConnell, R.
TuTh 2:00pm-2:50pm (TWS 2138)

MUSC229A Ensemble: Orchestra; (1) REG. Open by audition.
0101 **(41249)** Reinhold, D.
MWF 3:00pm-5:15pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; (1) REG. Open by audition.
0101 **(41259)** Wakefield, J.
TuTh 3:30pm-5:45pm (TWS 1102)

MUSC229E Ensemble: Concert Band; (1) REG. Open by audition.
0101 **(41269)** Sparks, L.
TuTh 2:00pm-3:15pm (TWS 1102)

MUSC229F Ensemble: Marching Band; (1) REG. Open by audition.
0101 **(41279)** Sparks, L.
MWF 3:00pm-5:00pm (Arranged)

MUSC229G Ensemble: Marching Band Repertoire; (1) REG. Corequisite: MUSC 229F.
0101 **(41289)** Sparks, L.
Tu 6:30pm-8:30pm (TWS 1102)

MUSC229I Ensemble: Marching Band Auxiliary; (1) REG. Corequisite: MUSC 229F.
0101 **(41299)** Sparks, L.
TuTh 6:00pm-8:00pm (Arranged)

MUSC229J Ensemble: Chamber Jazz Ensemble; (1) REG/P-F/AUD.
0101 **(41309)** Vadala, C.
MW 5:30pm-7:15pm (TWS 1102)
0201 **(41310)** Vadala, C.
MW 1:00pm-2:20pm (TWS 1102)
0301 **(41311)** Elliston, R.
TBA (TWS 3218)

MUSC229K Ensemble: University Community Band; (1) REG/P-F/AUD.
0101 **(41321)** Wakefield, J.
W 7:30pm-9:30pm (TWS 1102)

MUSC230 History of Music I; (3) REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.*
0101 **(41331)** King, R.
MWF 2:00pm-2:50pm (TWS 3116)

MUSC248A Selected Topics in Music: Musics of the World; (3) REG/P-F/AUD.
0101 **(41341)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 9:00am-9:50am (TWS 0147) Dis
0102 **(41342)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 10:00am-10:50am (TWS 0147) Dis
0103 **(41343)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 11:00am-11:50am (TWS 0147) Dis
0104 **(41344)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 1:00pm-1:50pm (TWS 0147) Dis
0105 **(41345)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 12:00pm-12:50pm (ASY 3219) Dis
0106 **(41346)** Pacholczyk, J.
MW 1:00pm-1:50pm (LEF 2205)
F 1:00pm-1:50pm (TWS 0131) Dis

MUSC248C Selected Topics in Music: World Popular Musics and Gender; (3) REG/P-F/AUD.
0101 **(41356)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 3:00pm-3:50pm (TWS 3116) Dis
0102 **(41357)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 1:00pm-1:50pm (TWS 3116) Dis
0103 **(41358)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 2:00pm-2:50pm (TWS 2138) Dis
0104 **(41359)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 12:00pm-12:50pm (TWS 0147) Dis
0105 **(41360)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 1:00pm-1:50pm (TWS 0147) Dis
0106 **(41361)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 2:00pm-2:50pm (TWS 0147) Dis
0107 **(41362)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 3:00pm-3:50pm (TWS 2135) Dis
0108 **(41363)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 1:00pm-1:50pm (TWS 2135) Dis
0109 **(41364)** Sandstrom, B.
W 1:00pm-2:50pm (SKN 0200)
M 2:00pm-2:50pm (TWS 2135) Dis

MUSC250 *(PermReq)* **Advanced Theory of Music I; (4)** REG. *Prerequisite: MUSC 151 with a minimum grade of C.*
0101 **(41374)** Gibson, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2102) Lab
0102 **(41375)** Gibson, R.
MWF 10:00am-10:50am (TWS 3116)
TuTh 10:00am-10:50am (TWS 2135) Lab
0201 **(41376)** Hanninen, D.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2138) Lab
0202 **(41377)** Hanninen, D.
TuThF 10:00am-10:50am (TWS 2138)
MW 10:00am-10:50am (TWS 2135) Lab

MUSC328 Chamber Music Performance for Pianists; (2) REG/P-F/AUD.
0101 **(41387)** STAFF
TuTh 10:00am-10:50am (Arranged)

MUSC329A Ensemble: University of Maryland Chorale; (1) REG. Open by audition.
0101 **(41397)** STAFF
TuTh 3:30pm-5:30pm (TWS 2102)

MUSC329D Ensemble: University Chorus; (1) REG. Open by audition. Please report to TWS 2140.
0101 **(41407)** Traver, P.
Tu 7:00pm-10:00pm (TWS 2102)
TBA (TWS 2102) Lab

MUSC329E Ensemble: Gospel Choir; (1) REG.
0101 **(41417)** Carswell, A.
Th 7:00pm-10:00pm (TWS 2102)

MUSC330 History of Music II; (3) REG/P-F/AUD. *Prerequisite: MUSC 250 or equivalent.*
0101 **(41427)** STAFF
MWF 2:00pm-2:50pm (TWS 2154)

MUSC345 Jazz Theory and Improvisation I; (3) REG/AUD. *Prerequisite: MUSC 251 or permission of department.*
0101 **(41437)** Vadala, C.
M 7:15pm-9:30pm (TWS 1102)

MUSC379 *(PermReq)* **Opera Workshop; (2)** REG/P-F/AUD.
0101 **(41447)** Bernard, D.
W 3:00pm-5:00pm (TWS 3238)

MUSC388 *(PermReq)* **Music Internship; (3)** REG.
0101 **(41457)** Walters, E.
TBA (TWS 2114)

MUSC389 *(PermReq)* **Music Internship Analysis; (1)** REG.
0101 **(41467)** Walters, E.
TBA (TWS 2114)

MUSC400W *(PermReq)* **Music Pedagogy; (3)** REG/P-F/AUD. *Pre- or corequisite: MUSC 418 or a more advanced course in applied music.* For wind and percussion majors.
0101 **(41477)** Wakefield, J.
Time and room to be arranged

MUSC428 *(PermReq)* **Repertoire Coaching of Vocal or Chamber Music; (2)** REG.
0301 **(41487)** McCoy, R.
TBA (TWS 2233)

MUSC429 *(PermReq)* **Opera Theater; (2-3)** REG/AUD.
0101 **(41497)** Bernard, D.
W 3:00pm-5:00pm (TWS 3238)

MUSC433 Music in World Cultures II; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: MUSC 130 or permission of department.*
0101 **(41507)** Robertson, C.
M 3:30pm-6:00pm (TWS 0131)

MUSC439 *(PermReq)* **Collegium Musicum; (1)** REG/AUD.
0101 **(41517)** Wexler, R.
TuTh 4:00pm-7:00pm (TWS 3238)

MUSC443 *(PermReq)* **Solo Vocal Literature; (3)** REG/P-F/AUD. *Prerequisite: MUSC 330, MUSC 331 or equivalent.*
0101 **(41527)** McCoy, R.
Tu 4:00pm-7:00pm (TWS 2138)

MUSC445 Survey of the Opera; (3) REG/P-F/AUD. *Prerequisite: MUSC 330, MUSC 331 or equivalent.*
0101 **(41537)** King, R.
WF 11:00am-12:15pm (TWS 0131)

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC448A *(PermReq)* **Selected Topics in Music: Marching Band Techniques; (2)** REG. Concurrent enrollment in MUSC 229F required.
0101 **(41583)** Sparks, L.
TBA (TWS 2211)

MUSC448C Selected Topics in Music: Analysis of 20th Century Chamber Music; (3) REG/P-F/AUD.
0101 **(41593)** Hanninen, D.
Th 3:00pm-5:30pm (TWS 2208)

MUSC448J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 **(41603)** Elliston, R.
W 7:00pm-10:00pm (TWS 3218)
0201 **(41604)** Elliston, R.
Time and room to be arranged Lab

MUSC448K Selected Topics in Music: Music Notation on Computers; (2) REG/P-F/AUD.
0101 **(41614)** STAFF
Th 4:00pm-6:00pm (TWS 2211)

MUSC452 *(PermReq)* **Keyboard Harmony; (2)** REG. *Prerequisite: MUSC 251.* Limited to piano majors only.
0101 **(41624)** Elliston, R.
MWF 10:00am-11:00am (TWS 3218)

MUSC460 Tonal Counterpoint I; (2) REG/P-F/AUD. *Prerequisite: MUSC 251 or permission of department.*
0101 **(41634)** Gibson, R.
MW 11:00am-11:50am (TWS 2138)

MUSC470 Harmonic and Contrapuntal Practices of the Twentieth Century; (2) REG/P-F/AUD. *Prerequisite: MUSC 251 or equivalent.*
0101 **(41644)** Wilson, M.
TuTh 11:00am-11:50am (TWS 2135)

MUSC485 Music in the 20th Century; (3) REG/P-F/AUD.
0101 **(41654)** STAFF
M 7:00pm-9:30pm (TWS 2135)

MUSC490 *(PermReq)* **Conducting; (2)** REG. *Prerequisite: MUSC 251.*
0101 **(41664)** STAFF
MWF 1:00pm-1:50pm (TWS 2138)

MUSC492 Keyboard Music I; (3) REG/P-F/AUD.
0101 **(41674)** STAFF
MW 11:00am-12:30pm (TWS 3116)

MUSC499 *(PermReq)* **Independent Studies; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC601 Advanced English Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(41723)** Hunt, L.
Tu 10:00am-11:30am (TWS 2123)

MUSC603 Advanced German Lyric Diction; (1) REG/AUD. *Prerequisite: admission to graduate voice program or permission of instructor. For music majors only.*
0101 **(41733)** Loup, F.
Tu 10:00am-11:30am (TWS 3116)

MUSC605 *(PermReq)* **Opera Repertory I; (1)** REG/AUD. *Prerequisite: MUSC 602 or permission of instructor. For MUSC majors only.*

0101 **(41743)** Cossa, D.
Th 2:00pm-3:30pm (TWS 2135)

MUSC608 *(PermReq)* **Chamber Music Repertory; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC611 Opera Techniques I; (3) REG/AUD. *Prerequisite: permission of director of opera. Corequisite: MUSC 601. For MUSC majors only.*
0101 **(41780)** Major, L.
TuTh 2:00pm-5:00pm (TWS 3228)
MW 12:00pm-1:30pm (TWS 3228) Lab

MUSC613 *(PermReq)* **Opera Techniques III; (3)** REG/AUD. *Prerequisites: MUSC 612 with a grade of B or better and permission of Director of Opera. Corequisites: MUSC 603 and MUSC 605. For MUSC majors only.*
0101 **(41790)** Major, L.
MW 2:00pm-5:00pm (TWS 3228)
MW 10:00am-11:30am (TWS 3228) Lab

MUSC615 Seminar in Suzuki String Pedagogy I; (3) REG/AUD. *Prerequisite: MUSC 400.*
0101 **(41800)** Cole, R.
Time and room to be arranged

MUSC639 Seminar in Music: Seminar in Music: Duke Ellington; (3) REG/AUD.
0101 **(41810)** Wexler, R.
Tu 7:00pm-9:30pm (TWS 2208)

MUSC643 *(PermReq)* **Seminar in Solo Vocal Literature I; (3)** REG/AUD. *Prerequisite: MUSC 444 or equivalent.*
0101 **(41820)** McCoy, R.
Tu 4:00pm-7:00pm (TWS 2138)

MUSC648 *(PermReq)* **Seminar in Music Research; (3)** REG/AUD.
0101 **(41830)** Cohen, H.
Th 9:30am-12:00pm (Arranged)
0201 **(41831)** King, R.
M 10:00am-12:30pm (Arranged)

MUSC651 The Theories of Heinrich Schenker; (3) REG/AUD. *Prerequisite: MUSC 450 or permission of department.*
0101 **(41841)** Delio, T.
M 11:00am-1:30pm (TWS 2123)

MUSC658 Seminar in Advanced Analysis; (3) REG.
0101 **(41851)** Delio, T.
Tu 10:00am-12:30pm (TWS 2208)

MUSC670 Advanced Analytical Techniques I; (3) REG/AUD. *Prerequisite: MUSC 451 or permission of department.*
0101 **(41861)** Moss, L.
W 4:15pm-6:45pm (TWS 3116)

MUSC675 Music Theory Pedagogy; (3) REG/AUD.
0101 **(41871)** Payerle, L.
TuTh 2:00pm-3:15pm (TWS 2123)

MUSC679A Seminar in Ethnomusicology: Ethnomusicology & Film; (3) REG/AUD.
0101 **(41881)** Schuyler, P.
Th 3:30pm-6:00pm (TWS 2208)

MUSC679B *(PermReq)* **Seminar in Ethnomusicology: History of Theory and Method in Ethnomusicology; (3)** REG/AUD.
0101 **(41891)** Pacholczyk, J.
Tu 3:30pm-6:00pm (TWS 2208)

MUSC689 *(PermReq)* **Advanced Conducting; (3)** REG/AUD.
0101 **(41901)** STAFF
W 4:00pm-6:30pm (TWS 2138)
0301 **(41902)** Wakefield, J.
TBA (TWS 1108)

MUSC699 *(PermReq)* **Selected Topics in Music; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

MUSC699C Selected Topics in Music: Analysis of 20th Century Chamber Music; (3) REG/AUD.
0101 **(41951)** Hanninen, D.
Th 3:00pm-5:30pm (TWS 2208)

MUSC699J *(PermReq)* **Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; (2)** REG/AUD. Audition required.
0101 **(41961)** Elliston, R.
W 7:00pm-10:00pm (TWS 3218)
0201 **(41962)** Elliston, R.
Time and room to be arranged Lab

MUSC699K Selected Topics in Music: Research and Bibliography in Ethnomusicology; (3) REG/AUD.
0101 **(41972)** Vandermeer, P.
Th 3:30pm-6:00pm (Arranged)

MUSC699L Selected Topics in Music: Anthropology of Music; (3) REG/AUD.
0101 **(41982)** Robertson, C.
W 3:30pm-6:00pm (TWS 2208)

MUSC799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSC800A *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For accompanists only.
0101 **(42022)** McCoy, R.
TBA (TWS 2233)

MUSC800C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(42032)** STAFF
TBA (TWS 2140A)
0301 **(42033)** Wakefield, J.
Time and room to be arranged

MUSC800P Advanced Seminar in Music Pedagogy; (3) REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(42043)** Page, C.
Tu 2:00pm-4:30pm (TWS 3116)

MUSC800V Advanced Seminar in Music Pedagogy; (3) REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.*
0101 **(42053)** Randall, M.
M 4:00pm-7:00pm (TWS 2138)

MUSC800W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For wind and percussion majors.
0101 **(42063)** Wakefield, J.
Time and room to be arranged

MUSC801C *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* For conducting majors.
0101 **(42073)** STAFF
TBA (TWS 2140A)
0301 **(42074)** Wakefield, J.
Time and room to be arranged

MUSC801W *(PermReq)* **Advanced Seminar in Music Pedagogy; (3)** REG/AUD. *Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor.* Advanced special students require department authorization. For wind and percussion majors.
0101 **(42084)** Wakefield, J.
Time and room to be arranged

MUSC830A *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For accompanists only.
0101 **(42094)** McCoy, R.
TBA (TWS 2233)

MUSC830C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: at least twelve hours in music history and literature.* For conducting majors.
0101 **(42104)** STAFF
TBA (TWS 2140A)
0301 **(42105)** Wakefield, J.
Time and room to be arranged

MUSC830S Doctoral Seminar in Music Literature; (3) REG/AUD. *Prerequisite: at least twelve hours in music history and literature.*
0101 **(42115)** Slowik, K.
Tu 2:00pm-4:30pm (TWS 2154)

MUSC830W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: at least twelve hours in music history and literature.* For wind and percussion majors.
0101 **(42125)** Wakefield, J.
Time and room to be arranged

MUSC831C *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG. *Prerequisite: MUSC 830 or permission of instructor.* For conducting majors.
0101 **(42135)** STAFF
TBA (TWS 2140A)
0301 **(42136)** Wakefield, J.
Time and room to be arranged

MUSC831W *(PermReq)* **Doctoral Seminar in Music Literature; (3)** REG/AUD. *Prerequisite: MUSC 830 or permission of instructor.* For wind and percussion majors.
0101 **(42146)** Wakefield, J.
Time and room to be arranged

MUSC878 *(PermReq)* **Advanced Composition; (3)** REG/AUD.
0101 **(42156)** Moss, L.
TBA (TWS 1219B)
0201 **(42157)** Delio, T.
TBA (TWS 1241)
0301 **(42158)** Wilson, M.
TBA (TWS 1231C)
0401 **(42159)** Gibson, R.
TBA (TWS 1241A)

MUSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

MUSP Music Performance
(Arts and Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the School of Music Director. Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the School of Music Office.

INSTRUMENT DESIGNATION

Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX—INSTRUMENT
A——Piano
B——Voice
C——Violin
D——Viola
E——Cello
F——Bass
G——Flute
H——Oboe
I——Clarinet
J——Bassoon
K——Saxophone
L——Horn
M——Trumpet
N——Trombone
O——Tuba
P——Euphonium
Q——Percussion
S——World inst
T——Composition
U——Conducting graduate
V——Harp
W——Electronic comp.
X——Hist inst - keyboard
Z——Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 *(PermReq)* **Music Performance; Minor Series. (2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, U, V, X, Y, Z
Time and room to be arranged.

Minor series lessons for non-major pianists are given on a space-available basis and may not be registered for before the beginning of the semester. Contact the Chair of the Piano Division on the first day of classes, giving your name, telephone number, and number of years of piano study. Your name will be placed on a waiting list, and if there is an opening for you in a faculty member's schedule, then you will be called by that faculty member. At that point you will register for the course.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 *(PermReq)* Music Performance; Principal Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, X, Y, Z
Time and room to be arranged.

MUSP609 *(PermReq)* Interpretation and Repertoire. **(2 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MUSP610 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 *(PermReq)* Music Performance; Major Series. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, W
Time and room to be arranged.

MUSP619 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP620 *(PermReq)* Graduate Music Performance. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, V, W
Time and room to be arranged.

MUSP719 *(PermReq)* Interpretation and Repertoire. **(2 or 4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP815 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP816 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

MUSP817 *(PermReq)* Interpretation, Performance, and Pedagogy. **(4 credits)** Grade Method: REG
Instruments offered: A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, S, T, U, W
Time and room to be arranged.

NACS Neuroscience & Cognitive Science
(Life Sciences)

NACS618 *(PermReq)* **The Classics in Neuroscience and Cognitive Science; (2)** REG/AUD.
0101 **(44015)** Washington, C.
Th 12:30pm-2:00pm (PLS 1158)

NACS899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

NFSC Nutrition and Food Science
(Agriculture and Natural Resources)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.*
0101 **(44079)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 8:30am-9:30am (MMH 3418) Dis
0102 **(44080)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 8:30am-9:30am (ARM 0102) Dis
0103 **(44081)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 11:00am-11:50am (ARM 0119) Dis
0104 **(44082)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 1:00pm-1:50pm (ARM 0118) Dis
0105 **(44083)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
F 11:00am-11:50am (CHM 0119) Dis
0106 **(44084)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
F 10:00am-10:50am (ARM 0103) Dis
0107 **(44085)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 10:00am-10:50am (MMH 3418) Dis
0108 **(44086)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 2:00pm-2:50pm (BPS 1232) Dis
0109 **(44087)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Tu 2:00pm-2:50pm (HBK 0115) Dis
0110 **(44088)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 3:00pm-3:50pm (BPS 2283) Dis
0111 **(44089)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Tu 1:00pm-1:50pm (WDS 1131) Dis
Section 0111 is recommended for NFSC majors only.
0112 **(44090)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 1:00pm-1:50pm (WDS 1130) Dis
0113 **(44091)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 12:00pm-12:50pm (BPS 1232) Dis
0114 **(44092)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 11:30am-12:20pm (CHM 0119) Dis
0115 **(44093)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 9:00am-9:50am (SKN 1115) Dis
0116 **(44094)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
F 12:00pm-12:50pm (ARM 0120) Dis
0117 **(44095)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
W 4:00pm-4:50pm (MMH 1304) Dis
0118 **(44096)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Th 2:00pm-2:50pm (JMZ 0208) Dis

NFSC100+ Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* Restricted to College Park Scholars - Advocates for Children.
0119 **(44106)** Sims, L.
TuTh 10:00am-10:50am (BPS 1240)
Tu 3:00pm-3:50pm (ARM 0105) Dis

NFSC100H Elements of Nutrition; (3) REG/P-F/AUD. CORE: LS *Formerly NUTR 100.* For general honors students only.
0101 **(44116)** Moser-Veillon, P.
TuTh 10:00am-10:50am (BPS 1240)
Tu 3:00pm-3:50pm (MMH 3112) Dis

NFSC250 *(PermReq)* **Science of Food; (4)** REG/P-F/AUD. *Prerequisites: NFSC 112; and CHEM 103; and CHEM 113; permission of department. For NFSC majors only. Formerly FOOD 250.*
0101 **(44126)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
Th 2:00pm-5:00pm (MMH 3401) Lab
0102 **(44127)** Curtis, S.
MWF 12:00pm-12:50pm (MMH 1304)
W 2:00pm-5:00pm (MMH 3401) Lab

NFSC350 *(PermReq)* **Foodservice Operations; (5)** REG. *Prerequisite: NFSC 250. Pre- or corequisite: MICB 200. Corequisite: BMGT 364. For Dietetics majors only. Formerly FSAD 350.*
0101 **(44139)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Tu 8:00am-1:30pm (MMH 3108) Lab
0102 **(44140)** Curtis, S.
MF 9:30am-10:45am (MMH 3418)
Th 8:00am-1:30pm (MMH 3108) Lab

NFSC380 Methods of Nutritional Assessment; (3) REG/P-F/AUD. *Prerequisite: NFSC 315. Corequisite: BCHM 461. For NFSC majors only.*
0101 **(44151)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
M 3:00pm-6:00pm (MMH 3419) Lab
0102 **(44152)** Moser-Veillon, P.
MW 1:00pm-1:50pm (MMH 1400)
Tu 3:15pm-6:15pm (MMH 3419) Lab

NFSC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. Formerly FDSC 386 and NUTR 386. 56 semester hours.*
0901 **(44167)** STAFF
Time and room to be arranged

NFSC388 *(PermReq)* **Honors Thesis Research; (3-6)** REG.
0101 **(44177)** Castonguay, T.
Time and room to be arranged

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC421 *(PermReq)* **Food Chemistry; (3)** REG/P-F/AUD. *Prerequisite: BCHM 461. Formerly FDSC 421.*
0101 **(44199)** Vijay, I.
MWF 11:00am-11:50am (MMH 3418)

NFSC423 Food Chemistry Laboratory; (2) REG/P-F/AUD. *Pre- or corequisite: NFSC 421. Formerly FDSC 423.*
0101 **(44209)** Boyle-Roden, E.
Th 8:00am-8:50am (MMH 0108)
Th 9:00am-11:50am (MMH 3419) Lab

NFSC431 Food Quality Control; (4) REG/P-F/AUD. *Formerly FDSC 431.*
0101 **(44219)** STAFF
M 8:00am-11:00am (MMH 0108)
F 9:00am-11:00am (MMH 3401) Lab

NFSC440 *(PermReq)* **Advanced Human Nutrition; (4)** REG. *Prerequisites: NFSC 100 or NFSC 200; and BCHM 462; and BSCI*

440. Formerly NUTR 440.
0101 **(44229)** STAFF
TuTh 1:30pm-3:10pm (JMZ 0220)

NFSC468 *(PermReq)* **Practicum in Nutrition; (1-6)** S-F.
0101 **(44239)** Curtis, S.
Time and room to be arranged

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisites: NFSC 440 and permission of department. Formerly NUTR 490.*

NFSC498 *(PermReq)* **Selected Topics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC498A *(PermReq)* **Selected Topics: Individual Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section [illegible]

NFSC655 Nutrition, Foo[illegible]3) REG/AUD. *Prerequisites: NFSC 450 o[illegible]mission of department. Formerly NUTR 655.*
0101 **(44279)** Sims, L.
Time and room to be arranged

NFSC678A Selected Topics in Nutrition; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC678B *(PermReq)* **Selected Topics in Nutrition: Biochemical and Biophysical Lipid Research Seminar; (1)** REG/AUD.
0101 **(44299)** Boyle-Roden, E.
Time and room to be arranged

NFSC678E Selected Topics in Nutrition: Nutritional Epidemiology; (3) REG/AUD.
0101 **(44309)** Jackson, R.
TuTh 11:00am-12:15pm (WDS 1131)

NFSC678P Selected Topics in Nutrition: Nutrition & Public Health; (2) REG/AUD.
0101 **(44319)** Tuttle, C.
M 9:00am-11:00am (ARM 0103)

NFSC678R Selected Topics in Nutrition: Advanced Human Nutrition; (4) REG/AUD.
0101 **(44329)** STAFF
MW 2:00pm-2:50pm (PLS 1115)
F 1:00pm-2:50pm (WDS 1130) Dis

NFSC679B *(PermReq)* **Selected Topics in Food Science: Biochemical and Biophysical Lipid Research Seminar; (1)** REG.
0101 **(44339)** Boyle-Roden, E.
Time and room to be arranged

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

NFSC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

NFSC899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

NRMT Natural Resources Management
(Agriculture and Natural Resources)

NRMT314 Biology and Management of Finfish; (4) REG. *Prerequisite: one year of biology or zoology. Formerly AGRI 314.* Two Saturday field trips to be arranged.
0101 **(44472)** Rugolo, L.
TuTh 5:00pm-6:30pm (ANS 0412)

NRMT389 *(PermReq)* **Internship; (3)** S-F.
0001 **(44482)** Kangas, P.
Time and room to be arranged

NRMT450 Wetland Ecology; (3) REG. *Prerequisite: BIOM 301 or permission of department. Also offered as MEES 650. Credit will be granted for only one of the following: NRMT 450 or MEES 650.*
0101 **(44492)** Baldwin, A.
Tu 11:00am-11:50am (ANS 0402)
Th 8:30am-12:20pm (ANS 0538)

NRMT461 Urban Wildlife Management; (3) REG/P-F/AUD.
0101 **(44502)** Adams, L.
TuTh 8:00am-9:15am (ANS 0412)

NRMT470 *(PermReq)* **Natural Resources Management; (4)** REG. CORE: CS *Senior standing. For NRMT majors only.* Second semester juniors and seniors only.
0101 **(44512)** Kangas, P.
MW 3:00pm-4:55pm (ANS 0538)

NRMT489 *(PermReq)* **Field Experience; (1-4)** REG/P-F/AUD.
0001 **(44522)** Kangas, P.
Time and room to be arranged
1101 **(44523)** Baldwin, A.
Time and room to be arranged

NRMT489B Field Experience: Park Management; (1) REG.
0101 **(44533)** STAFF
W 5:00pm-5:50pm (ANS 0422)

PBIO Plant Biology
(Life Sciences)

All Undergraduate courses in the Biological Sciences are now listed in a single course listing under the heading BSCI. Please refer to that section. Only graduate courses are provided in the listing below.

PBIO699A *(PermReq)* **Special Problems in Plant Biology: Cell Biology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699B *(PermReq)* **Special Problems in Plant Biology: Pathology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699C *(PermReq)* **Special Problems in Plant Biology: Physiology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699F *(PermReq)* **Special Problems in Plant Biology: Morphology; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699G Special Problems in Plant Biology: Genetic Approaches to Cell and Developmental Biology; (2) REG/AUD.
0101 **(44699)** Liu, Z.
M 4:00pm-6:00pm (HJP 1216)

PBIO699I Special Problems in Plant Biology: Biological Sequence Analysis; (1) REG/AUD.
0101 **(44709)** Delwiche, C.
Tu 4:00pm-5:00pm (HJP 1216)

PBIO699J *(PermReq)* **Special Problems in Plant Biology: Genetics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO699N *(PermReq)* **Special Problems in Plant Biology: Plant Systematics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PBIO745 Plant Ecological Genetics; (3) REG/AUD. *Prerequisites: BSCI 222 and BSCI 362 or BSCI 470 or permission of instructor. Formerly BOTN 653.*
0101 **(44777)** Fenster, C.
TuTh 10:00am-11:20am (BPS 1230)

PBIO799 Master's Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PBIO899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

PHIL Philosophy
(Arts and Humanities)

PHIL100 Introduction to Philosophy; (3) REG/P-F/AUD. CORE: HO
0101 **(44894)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 9:00am-9:50am (SKN 1115) Dis
0102 **(44895)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (KEY 0125) Dis
0103 **(44896)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 12:00pm-12:50pm (WDS 1131) Dis
0104 **(44897)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 9:00am-9:50am (HBK 1116) Dis
0105 **(44898)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 11:00am-11:50am (ARM 0105) Dis
0106 **(44899)** Kerstein, S.
MW 11:00am-11:50am (SKN 0200)
F 12:00pm-12:50pm (ARM 0105) Dis

PHIL105 God and Cosmos; (3) REG/P-F/AUD. CORE: HO *Not open to students who have completed PHIL 236.*
0101 **(44919)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 9:00am-9:50am (KEY 0123) Dis
0102 **(44920)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 9:00am-9:50am (KEY 0121) Dis
0103 **(44921)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 10:00am-10:50am (LEF 1220) Dis
0104 **(44922)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 10:00am-10:50am (TWS 0131) Dis
0105 **(44923)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 12:00pm-12:50pm (TLF 1103) Dis
0106 **(44924)** Martin, R.
WF 12:00pm-12:50pm (MMH 1400)
M 12:00pm-12:50pm (WDS 1130) Dis

PHIL140 Contemporary Moral Issues; (3) REG/P-F/AUD. CORE: HO
0101 **(44934)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (ARM 0105) Dis
0102 **(44935)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 9:00am-9:50am (ASY 3215) Dis
0103 **(44936)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (ARM 0119) Dis
0104 **(44937)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 11:00am-11:50am (CHM 0124) Dis
0105 **(44938)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (ARM 0119) Dis
0106 **(44939)** Lichtenberg, J.
MW 12:00pm-12:50pm (SKN 0200)
F 12:00pm-12:50pm (JRN 1105) Dis
0201 **(44940)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 9:00am-9:50am (SKN 0104) Dis
0202 **(44941)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 10:00am-10:50am (HBK 0115) Dis
0203 **(44942)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 1:00pm-1:50pm (TYD 1114) Dis
0204 **(44943)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 9:00am-9:50am (KEY 0116) Dis
0205 **(44944)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 10:00am-10:50am (JRN 1105) Dis
0206 **(44945)** Dwyer, S.
TuTh 3:00pm-3:50pm (KEY 0106)
F 1:00pm-1:50pm (TYD 1128) Dis

A note about PHIL 170, PHIL 173, PHIL 271 and PHIL 273. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 and PHIL 174 concentrate on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. PHIL 273 emphasizes the relation of logic to traditional philosophical problems. All five courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 Introduction to Logic; (3) REG/P-F/AUD. CORE: MS
0101 **(44955)** Odell, S.
MW 12:00pm-12:50pm (BPS 1243)
F 9:00am-9:50am (HJP 1229) Dis
0102 **(44956)** Odell, S.
MW 12:00pm-12:50pm (BPS 1243)
F 10:00am-10:50am (HBK 0103) Dis
0103 **(44957)** Odell, S.
MW 12:00pm-12:50pm (BPS 1243)
F 12:00pm-12:50pm (HJP 1229) Dis

PHIL173 Logic and the English Language I; (3) REG.
0101 **(44967)** Pasch, A.
MWF 10:00am-10:50am (SKN 1112)

PHIL209P Philosophical Issues: Philosophy and Computers; (3) REG/AUD. CORE: MS
0101 **(44977)** Cherniak, C.
TuTh 2:00pm-3:15pm (SKN 1116)

PHIL250 Philosophy of Science I; (3) REG/AUD. CORE: HO
0101 **(44987)** STAFF
TuTh 12:30pm-1:45pm (SKN 1115)

PHIL256 Philosophy of Biology I; (3) REG/AUD. CORE: HO
0101 **(44997)** Darden, L.
TuTh 12:30pm-1:45pm (SKN 1112)

PHIL271 Symbolic Logic I; (3) REG/AUD. CORE: MS *Formerly PHIL 371.*
0101 **(45007)** Svenonius, L.
MWF 10:00am-10:50am (SKN 1115)
0201 **(45008)** Bub, J.
TuTh 2:00pm-3:15pm (WDS 0104)

PHIL280 Introduction to Cognitive Science; (3) REG/P-F/AUD. CORE: SB
0101 **(45018)** Morreau, M.
TuTh 12:30pm-1:45pm (SKN 0104)

PHIL308P Studies in Contemporary Philosophy: Reading Pictures; (3) REG/AUD.
0101 **(45028)** Brown, J.
TuTh 2:00pm-3:15pm (SKN 1112)

PHIL310 Ancient Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy or classics.*
0101 **(45038)** Celarier, J.
MWF 11:00am-11:50am (SKN 1112)

PHIL320 Modern Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(45048)** Martin, R.
WF 2:00pm-3:15pm (EGR 2112)

PHIL326 Twentieth Century Analytic Philosophy; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy. Recommended: PHIL 320.*
0101 **(45058)** Odell, S.
MW 1:00pm-2:15pm (SKN 1115)

PHIL328I Studies in the History of Philosophy: History of Personal Identity in the West; (3) REG/P-F/AUD.
0101 **(45068)** Martin, R.
WF 2:00pm-3:15pm (MMH 3418)

PHIL331 Philosophy of Art; (3) REG/P-F/AUD. *Prerequisite: one course in philosophy or two courses in the creative arts.*
0101 **(45078)** Levinson, J.
TuTh 2:00pm-3:15pm (SKN 1115)

PHIL332 Philosophy of Beauty; (3) REG/P-F/AUD. *Prerequisites: two courses in philosophy, literature, or the arts.*
0101 **(45088)** Brown, J.
TuTh 9:30am-10:45am (SKN 1112)

PHIL341 Introduction to Ethical Theory; (3) REG/P-F/AUD. *Prerequisite: one course in PHIL. Not open to students who have completed PHIL 142. Formerly PHIL 142.*
0101 **(45098)** Kerstein, S.
MW 2:15pm-3:30pm (SKN 1115)

PHIL346 Introduction to Virtue Ethics; (3) REG/P-F/AUD. *Prerequisite: three hours in philosophy.*
0101 **(45108)** Slote, M.
TuTh 11:00am-12:15pm (ARM 0103)

PHIL386 *(PermReq)* **Experiential Learning; (6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* Consult Director of Undergraduate Studies: A. Stairs. Prerequisites: 12 credit hours of philosophy and 3.0 GPA. Carries no credit toward philosophy major.

PHIL407 Gay and Lesbian Philosophy; (3) REG/P-F/AUD. DIVERSITY
0101 **(45119)** Suppe, F.
TuTh 12:30pm-1:45pm (BPS 2283)

PHIL412 The Philosophy of Plato; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(45129)** Svenonius, L.
MWF 1:00pm-1:50pm (SKN 1112)

PHIL440 Contemporary Ethical Theory; (3) REG. *Prerequisite: PHIL 341.*
0101 **(45139)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL447 Philosophy of Law; (3) REG/AUD. *Prerequisite: one course in philosophy.*
0101 **(45149)** STAFF
TuTh 11:00am-12:15pm (SKN 1115)

PHIL456 Philosophy of Biology II; (3) REG/P-F/AUD. *Prerequisite: PHIL 250 or PHIL 256 or a Life Science major or permission of department.*
0101 **(45159)** Darden, L.
Tu 4:00pm-6:30pm (KEY 0123)

PHIL464 Metaphysics; (3) REG/P-F/AUD. *Prerequisite: six credits in philosophy.*
0101 **(45169)** Devitt, M.
TuTh 11:00am-12:15pm (JMZ 1117)

PHIL468 Topics in Philosophy of Language and Logic: Reference; (3) REG/P-F/AUD. Prerequisite: one course in symbolic logic or permission of department.
0101 **(45179)** Devitt, M.
Tu 3:30pm-6:00pm (JMZ 2122)

PHIL478 Topics in Symbolic Logic: Logical Theory I; (3) REG/AUD. Prerequisite: PHIL 271 or permission of department.
0101 **(45189)** Horty, J.
Th 2:30pm-5:00pm (ARM 0110)

PHIL498F *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL498G *(PermReq)* **Topical Investigations; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688D *(PermReq)* **Selected Problems in Philosophy: The Classics in Neuroscience and Cognitive Science; (2)** REG/AUD.
0101 **(45243)** Washington, C.
Th 12:30pm-2:00pm (PLS 1158)

PHIL688E Selected Problems in Philosophy: Proseminar in Politics, Philosophy and Public Policy; (3) REG/AUD. Course is team taught by Dr. K. Soltan, Dr. P. Levine, and Dr. J. Lichtenberg.
0101 **(45253)** Lichtenberg, J.
W 1:00pm-3:30pm (VMH 1109)

PHIL688F *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688G *(PermReq)* **Selected Problems in Philosophy; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL688I Selected Problems in Philosophy: Metaphysics; (3) REG/AUD.
0101 **(45308)** Devitt, M.
TuTh 11:00am-12:15pm (JMZ 1117)

PHIL688O Selected Problems in Philosophy: Contemporary Ethical Theory; (3) REG/AUD.
0101 **(45318)** Greenspan, P.
MW 11:00am-12:15pm (SKN 1116)

PHIL688R Selected Problems in Philosophy: Reference; (3) REG/AUD.
0101 **(45328)** Devitt, M.
Tu 3:30pm-6:00pm (JMZ 2122)

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; (3) REG/AUD.
0101 **(45338)** Odell, S.
MW 1:00pm-2:15pm (SKN 1115)

PHIL688U Selected Problems in Philosophy: Logical Theory I; (3) REG/AUD.
0101 **(45348)** Horty, J.
Th 2:30pm-5:00pm (ARM 0110)

PHIL788G *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL788I *(PermReq)* **Research in Philosophy; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHIL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHIL848C Seminar in Ethics: Contractarianism and Moral Psychology; (3) REG/AUD.
0101 **(45427)** Greenspan, P.
M 2:00pm-5:00pm (SKN 1116)

PHIL858R Seminar in Logic and Philosophy of Sciences: Seminar in Philosophy of Science; (3) REG/AUD.
0101 **(45437)** Bub, J.
Th 10:00am-12:30pm (SKN 1116)

PHIL879Y Seminar in Philosophy and Cognitive Studies: Logical Form and Modality; (3) REG/AUD.
0101 **(45447)** Pietroski, P.
Time and room to be arranged

PHIL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS Physics
(Computer, Mathematical and Physical Sciences)

PHYS101 Contemporary Physics - Revolutions in Physics; (3) REG/P-F/AUD. CORE: PS *Prerequisite: high school algebra through algebra 2 with trigonometry; (or MATH 113 or MATH 115). Not open to students who have completed PHYS 111 or PHYS 112.*
0101 **(45529)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 11:00am-11:50am (PHY 1402) Dis
0102 **(45530)** Sagdeev, R.
MWF 2:00pm-2:50pm (PHY 1402)
Tu 1:00pm-1:50pm (PHY 1221) Dis

PHYS102 Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 103.
0101 **(45540)** Roberts, D.
TuTh 9:30am-10:45am (PHY 1410)

PHYS102+ Physics of Music; (3) REG/P-F/AUD. *Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* Restricted to students in a First Year Focus Cluster.
0101 **(45550)** Roberts, D.

TuTh 9:30am-10:45am (PHY 1410)

PHYS103 Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 102.

0101 **(45560)** STAFF
Th 11:00am-12:50pm (PHY 3213) Lab

0201 **(45561)** STAFF
Th 1:00pm-2:50pm (PHY 3213) Lab

0301 **(45562)** STAFF
Th 3:30pm-5:20pm (PHY 3213) Lab

0401 **(45563)** Berg, R.
F 10:00am-11:50am (PHY 3213) Lab

Section 0401 is recommended for First-Year students.

0501 **(45564)** STAFF
F 12:00pm-1:50pm (PHY 3213) Lab

PHYS103+ Physics of Music Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* Restricted to students in a First Year Focus Cluster.

0401 **(45574)** Berg, R.
F 10:00am-11:50am (PHY 3213) Lab

PHYS104 How Things Work; (3) REG/P-F/AUD. CORE: PS

0101 **(45584)** Goodman, J.
TuTh 2:00pm-3:15pm (PHY 1410)

PHYS106 Light, Perception, Photography, and Visual Phenomena; (3) REG/P-F/AUD. *Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken with PHYS 107.

0101 **(45594)** Ji, X.
MWF 2:00pm-2:50pm (PHY 1412)

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; (1) REG/P-F/AUD. *Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 106.

0101 **(45604)** Skuja, A.
Tu 9:00am-10:50am (PHY 3214) Lab

Section 0101 recommended for First Year students.

0201 **(45605)** Skuja, A.
Tu 2:00pm-3:50pm (PHY 3214) Lab

Section 0201 recommended for First Year students.

0301 **(45606)** Skuja, A.
W 9:00am-10:50am (PHY 3214) Lab

0501 **(45607)** Skuja, A.
W 12:00pm-1:50pm (PHY 3214) Lab

0701 **(45608)** Skuja, A.
Th 10:00am-11:50am (PHY 3214) Lab

0801 **(45609)** Skuja, A.
Th 2:00pm-3:50pm (PHY 3214) Lab

PHYS111 Physics in the Modern World; (3) REG/P-F/AUD. CORE: PS

0101 **(45621)** Alley, C.
MWF 9:00am-9:50am (PHY 1410)

PHYS115 Inquiry into Physics; (4) REG/P-F/AUD. *Recommended: High school physics. For Elementary Education, Early Childhood majors only. Not open to students who have completed PHYS 117. Credit will be granted for only one of the following: PHYS 115 or PHYS 117.*

0101 **(45631)** Beise, E.
MTuW 2:00pm-4:00pm (PHY 3316) Lab

0201 **(45632)** Dragt, A.
MTuW 4:30pm-6:30pm (PHY 3316) Lab

PHYS117 Introduction to Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: qualification to enter MATH 110.*

0101 **(45642)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
Th 12:00pm-1:50pm (PHY 3316) Lab

0102 **(45643)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
Th 2:00pm-3:50pm (PHY 3316) Lab

0104 **(45644)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
Th 4:00pm-5:50pm (PHY 3316) Lab

0105 **(45645)** Griffin, J.
MWF 2:00pm-2:50pm (PHY 1410)
F 10:00am-11:50am (PHY 3316) Lab

PHYS121 Fundamentals of Physics I; (4) REG/P-F/AUD. CORE: PL *Prerequisite: previous course work in trigonometry or MATH 115.* Physics clinic, PHY 1214, MTWHF 11,1.

0101 **(45655)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
W 5:00pm-6:50pm (PHY 3306) Lab
W 4:00pm-4:50pm (PHY 1402) Dis

0102 **(45656)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3306) Lab
M 3:00pm-3:50pm (PHY 4220) Dis

0103 **(45657)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3306) Lab
Tu 10:00am-10:50am (PHY 4220) Dis

0104 **(45658)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
Tu 1:00pm-2:50pm (PHY 3306) Lab
Tu 12:00pm-12:50pm (PHY 1402) Dis

0105 **(45659)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
W 1:00pm-2:50pm (PHY 3306) Lab
W 12:00pm-12:50pm (PHY 1402) Dis

0106 **(45660)** Kim, Y.
MWF 10:00am-10:50am (PHY 1410)
Th 9:00am-10:50am (PHY 3306) Lab
Th 8:00am-8:50am (PHY 1221) Dis

0201 **(45661)** Bhagat, S.
MWF 12:00pm-12:50pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3306) Lab
W 2:00pm-2:50pm (PHY 0405) Dis

0203 **(45662)** Bhagat, S.
MWF 12:00pm-12:50pm (PHY 1410)
Th 11:00am-12:50pm (PHY 3306) Lab
Th 10:00am-10:50am (PHY 1402) Dis

0205 **(45663)** Bhagat, S.
MWF 12:00pm-12:50pm (PHY 1410)
Th 1:00pm-2:50pm (PHY 3306) Lab
Th 12:00pm-12:50pm (PHY 1402) Dis

0206 **(45664)** Bhagat, S.
MWF 12:00pm-12:50pm (PHY 1410)
M 2:00pm-3:50pm (PHY 3306) Lab
M 1:00pm-1:50pm (PHY 4220) Dis

0207 **(45665)** Bhagat, S.
MWF 12:00pm-12:50pm (PHY 1410)
W 9:00am-10:50am (PHY 3306) Lab
W 8:00am-8:50am (PHY 1219) Dis

0301 **(45666)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 9:00am-10:50am (PHY 3306) Lab
Tu 8:00am-8:50am (PHY 4220) Dis

0302 **(45667)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
M 10:00am-11:50am (PHY 3306) Lab
M 9:00am-9:50am (PHY 1221) Dis

0303 **(45668)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
M 12:00pm-1:50pm (PHY 3306) Lab
M 11:00am-11:50am (PHY 1221) Dis

0304 **(45669)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
Th 3:00pm-4:50pm (PHY 3306) Lab
Th 2:00pm-2:50pm (PHY 1221) Dis

0305 **(45670)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
Tu 3:00pm-4:50pm (PHY 3306) Lab
Tu 2:00pm-2:50pm (PHY 4220) Dis

0308 **(45671)** Prange, R.
TuTh 12:30pm-1:45pm (PHY 1412)
W 11:00am-12:50pm (PHY 3306) Lab
W 10:00am-10:50am (PHY 1221) Dis

0401 **(45672)** Drew, H.
MW 7:00pm-8:15pm (PHY 1412)
Tu 7:30pm-9:20pm (PHY 3306) Lab
Tu 6:30pm-7:20pm (PHY 1219) Dis

0402 **(45673)** Drew, H.
MW 7:00pm-8:15pm (PHY 1412)
Th 5:00pm-6:50pm (PHY 3306) Lab
Tu 6:00pm-6:50pm (PHY 4208) Dis

0501 **(45675)** Liu, C.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis

Section 0501 is recommended for post-baccalaureate students.

0601 **(45676)** STAFF
TuTh 12:30pm-1:45pm (PHY 1412)
M 6:00pm-7:50pm (PHY 3306) Lab
M 5:00pm-5:50pm (PHY 1402) Dis

8101 **(*****)** Liu, C.
Tu 6:30pm-8:20pm (PHY 1410)
Th 6:30pm-7:20pm (PHY 1410)
Th 7:30pm-9:20pm (PHY 3306) Lab
Tu 8:30pm-9:20pm (PHY 1402) Dis

Section 8101 is intended for students who enroll through the Science in the Evening program in the College of Life Sciences. It is restricted to students who already hold a baccalaureate degree or those who are enrolled as Continuing Education students. Please note that this class is charged at the regular part-time tuition rate (on a per credit hour basis), even for full-time students. To register or to learn more about the Science in the Evening program, you must contact Dr. Lucinda Jack, 1122 Symons Hall; phone (301)405-0316; email: evening@life.umd.edu.

PHYS122 Fundamentals of Physics II; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 121 or equivalent.* Physics clinic, PHY 1214, MTWHF 12,2.

0101 **(45687)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
M 4:00pm-5:50pm (PHY 3312) Lab
M 3:00pm-3:50pm (PHY 1221) Dis

0102 **(45688)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 10:00am-11:50am (PHY 3312) Lab
Tu 9:00am-9:50am (PHY 1219) Dis

0103 **(45689)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 12:00pm-1:50pm (PHY 3312) Lab
Tu 11:00am-11:50am (PHY 4220) Dis

0104 **(45690)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
Tu 2:00pm-3:50pm (PHY 3312) Lab
Tu 1:00pm-1:50pm (PHY 4220) Dis

0105 **(45691)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
W 9:00am-10:50am (PHY 3312) Lab
W 8:00am-8:50am (PHY 4208) Dis

0107 **(45692)** Dorfman, J.
MWF 1:00pm-1:50pm (PHY 1410)
Th 2:00pm-3:50pm (PHY 3312) Lab
Th 1:00pm-1:50pm (PHY 1221) Dis

0201 **(45693)** Anlage, S.
TuTh 12:30pm-1:45pm (PHY 1410)
W 11:00am-12:50pm (PHY 3312) Lab
W 9:00am-9:50am (PHY 1221) Dis

0202 **(45694)** Anlage, S.
TuTh 12:30pm-1:45pm (PHY 1410)
M 12:00pm-1:50pm (PHY 3312) Lab
M 10:00am-10:50am (PHY 1221) Dis

0203 **(45695)** Anlage, S.
TuTh 12:30pm-1:45pm (PHY 1410)
Th 9:00am-10:50am (PHY 3312) Lab
Th 8:00am-8:50am (PHY 4208) Dis

0204 **(45696)** Anlage, S.
TuTh 12:30pm-1:45pm (PHY 1410)
W 3:00pm-4:50pm (PHY 3312) Lab
W 2:00pm-2:50pm (PHY 4220) Dis

0401 **(45697)** Hadley, N.
MW 7:00pm-8:15pm (PHY 0405)
Tu 7:30pm-9:20pm (PHY 3312) Lab
Tu 6:30pm-7:20pm (PHY 4220) Dis

PHYS141 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Corequisite: MATH 141 or MATH 221. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinics, PHY 1214, MTWHF 10,12.

0102 **(45707)** Kirkpatrick, T.
MWF 11:00am-11:50am (PHY 1410)
M 4:00pm-5:50pm (PHY 3314) Lab
M 3:00pm-3:50pm (PHY 1219) Dis

0103 **(45708)** Kirkpatrick, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 9:00am-10:50am (PHY 3314) Lab
Tu 8:00am-8:50am (PHY 1402) Dis

0104 **(45709)** Kirkpatrick, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 11:00am-12:50pm (PHY 3314) Lab
Tu 10:00am-10:50am (PHY 1402) Dis

0105 **(45710)** Kirkpatrick, T.
MWF 11:00am-11:50am (PHY 1410)
Tu 2:00pm-3:50pm (PHY 3314) Lab
Tu 1:00pm-1:50pm (PHY 1402) Dis

PHYS142 Principles of Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 141 or equivalent. Credit will be granted for only one of the following: PHYS 142, PHYS 262, PHYS 272, or former PHYS 192.* Physics clinic PHY 1214, MTWHF 2.

0102 **(45720)** Paik, H.
MWF 3:00pm-3:50pm (PHY 0405)
Th 12:00pm-1:50pm (PHY 3310) Lab
Th 11:00am-11:50am (PHY 4220) Dis

PHYS161 General Physics: Mechanics and Particle Dynamics; (3) REG/P-F/AUD. CORE: PS *Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* Physics clinic, PHY 1214, MTWHF 11, 2.

0101 **(45730)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
Tu 3:00pm-3:50pm (PHY 4220) Dis

0103 **(45731)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
F 10:00am-10:50am (PHY 0405) Dis

0104 **(45732)** Chen, H.
MWF 3:00pm-3:50pm (PHY 1410)
F 11:00am-11:50am (PHY 4208) Dis

0201 **(45733)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
Th 8:00am-8:50am (PHY 1219) Dis

0202 **(45734)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
Tu 2:00pm-2:50pm (PHY 1402) Dis

0203 **(45735)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
W 3:00pm-3:50pm (PHY 1221) Dis

0204 **(45736)** Mohapatra, R.
TuTh 11:00am-12:15pm (PHY 1410)
W 4:00pm-4:50pm (PHY 1221) Dis

0301 **(45737)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Tu 1:00pm-1:50pm (PHY 1219) Dis

0302 **(45738)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Tu 4:00pm-4:50pm (PHY 1402) Dis

0303 **(45739)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Th 9:00am-9:50am (PHY 4220) Dis

0304 **(45740)** Chen, H.
MWF 10:00am-10:50am (PHY 1412)
Th 10:00am-10:50am (PHY 4220) Dis

PHYS170 Professional Physics Seminar; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*

0101 **(45750)** Anderson, J.
W 12:00pm-12:50pm (PHY 0405)

PHYS171 Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.*

0201 **(45760)** Drake, J.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS171H Introductory Physics: Mechanics and Relativity; (3) REG/P-F/AUD. CORE: PS *Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191.* For general honors students only.

0201 **(45770)** Drake, J.
MTuThF 9:00am-9:50am (PHY 1402)

PHYS174 Physics Laboratory Introduction; (1) REG/P-F/AUD. *Corequisite: MATH 140. Recommended: high school physics.*

0101 **(45780)** Eno, S.
W 9:00am-10:50am (PHY 3112) Lab

0102 **(45781)** Eno, S.
W 3:00pm-4:50pm (PHY 3112) Lab

0103 **(45782)** Anderson, J.
Th 2:00pm-3:50pm (PHY 3112) Lab

0104 **(45783)** Anderson, J.
Th 10:00am-11:50am (PHY 3112) Lab

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* Physics clinic, PHY 1214, MTWHF 10, 12, 2.

0201 **(45803)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 8:00am-8:50am (PHY 0220) Dis

0202 **(45804)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 9:00am-9:50am (PHY 0220) Dis

0203 **(45805)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
Tu 11:00am-11:50am (PHY 0220) Dis

0204 **(45806)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
W 10:00am-10:50am (PHY 0220) Dis

0205 **(45807)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
W 12:00pm-12:50pm (PHY 0220) Dis

0302 **(45808)** Venkatesan, T.
TuTh 8:00am-9:15am (PHY 1412)
Tu 10:00am-10:50am (PHY 0220) Dis

0303 **(45809)** Venkatesan, T.
TuTh 8:00am-9:15am (PHY 1412)
Tu 12:00pm-12:50pm (PHY 0220) Dis

0304 **(45810)** Venkatesan, T.
TuTh 8:00am-9:15am (PHY 1412)
W 9:00am-9:50am (PHY 0220) Dis

0306 **(45812)** Venkatesan, T.
TuTh 8:00am-9:15am (PHY 1412)
W 8:00am-8:50am (PHY 0220) Dis

0401 **(45813)** Hu, B.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 8:00pm-8:50pm (PHY 1219) Dis

0402 **(45814)** Hu, B.
M 7:00pm-8:50pm (PHY 1410)
W 7:00pm-7:50pm (PHY 1410)
W 6:00pm-6:50pm (PHY 1219) Dis

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (No credit) NGI.

0101 **(45824)** Boyd, D.
M 8:00am-10:50am (PHY 3219) Lab

0102 **(45825)** Boyd, D.
M 12:00pm-2:50pm (PHY 3219) Lab

0103 **(45826)** Boyd, D.
M 3:00pm-5:50pm (PHY 3219) Lab

0104 **(45827)** Boyd, D.
Tu 10:00am-12:50pm (PHY 3219) Lab

0105 **(45828)** Boyd, D.
Tu 1:00pm-3:50pm (PHY 3219) Lab

0110 **(45830)** Boyd, D.
Tu 4:00pm-6:50pm (PHY 3219) Lab

0111 **(45831)** Boyd, D.
W 1:00pm-3:50pm (PHY 3219) Lab

0112 **(45832)** Boyd, D.
W 4:00pm-6:50pm (PHY 3219) Lab

0114 **(45833)** Boyd, D.
Th 11:00am-1:50pm (PHY 3219) Lab

0117 **(45834)** Boyd, D.
Th 2:00pm-4:50pm (PHY 3219) Lab

0118 **(45835)** Boyd, D.
Th 7:00pm-9:50pm (PHY 3219) Lab

PHYS262H General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262.* For general honors students only.

0201 **(45845)** Banerjee, M.
MWF 11:00am-11:50am (PHY 1412)
W 1:00pm-1:50pm (PHY 0220) Dis

0301 **(45846)** Jawahery, A.
TuTh 8:00am-9:15am (PHY 1412)
W 1:00pm-1:50pm (PHY 0220) Dis

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (4) REG/P-F/AUD. CORE: PL *Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293.* Physics clinic, PHY 1214, MTWHF 10, 11, 1.

0101 **(45856)** Mason, G.
MW 4:00pm-5:15pm (PHY 1410)
Th 2:00pm-2:50pm (PHY 4220) Dis

0102 **(45857)** Mason, G.
MW 4:00pm-5:15pm (PHY 1410)
Th 4:00pm-4:50pm (PHY 1402) Dis

0103 **(45858)** Mason, G.
MW 4:00pm-5:15pm (PHY 1410)
Th 3:00pm-3:50pm (PHY 4220) Dis

0104 **(45859)** Mason, G.
MW 4:00pm-5:15pm (PHY 1410)
F 1:00pm-1:50pm (PHY 1221) Dis

0301 **(45860)** Ott, E.
MWF 12:00pm-12:50pm (PHY 1412)
W 1:00pm-1:50pm (PHY 1402) Dis

0302 **(45861)** Ott, E.
MWF 12:00pm-12:50pm (PHY 1412)
W 2:00pm-2:50pm (PHY 1221) Dis

0303 **(45862)** Ott, E.
MWF 12:00pm-12:50pm (PHY 1412)
Th 10:00am-10:50am (PHY 1219) Dis

0304 **(45863)** Ott, E.
MWF 12:00pm-12:50pm (PHY 1412)
Th 2:00pm-2:50pm (PHY 1219) Dis

0305 **(45864)** Ott, E.
MWF 12:00pm-12:50pm (PHY 1412)
Th 1:00pm-1:50pm (PHY 4220) Dis

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (No credit) NGI. Laboratory. Corequisite: PHYS 263.

0101 **(45874)** Boyd, D.
M 12:00pm-2:50pm (PHY 3220) Lab

0102 **(45875)** Boyd, D.
M 3:00pm-5:50pm (PHY 3220) Lab

0105 **(45877)** Boyd, D.
Tu 10:00am-12:50pm (PHY 3220) Lab

0106 **(45878)** Boyd, D.
Tu 1:00pm-3:50pm (PHY 3220) Lab

0107 **(45879)** Boyd, D.
Tu 4:00pm-6:50pm (PHY 3220) Lab

0111 **(45880)** Boyd, D.
W 9:00am-11:50am (PHY 3220) Lab

0116 **(45881)** Boyd, D.
W 1:00pm-3:50pm (PHY 3220) Lab

0118 **(45883)** Boyd, D.
Th 2:00pm-4:50pm (PHY 3220) Lab

0119 **(45884)** Boyd, D.
Th 5:00pm-7:50pm (PHY 3220) Lab

PHYS272 Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275.

0101 **(45894)** Cohen, T.
TuTh 12:30pm-1:45pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS272H Introductory Physics: Fields; (3) REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and MATH 141. Corequisite: MATH 241. Credit will be granted for only one of the following: PHYS 272 or PHYS 262 or PHYS 142.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 275. For general honors students only.

0101 **(45904)** Cohen, T.
TuTh 12:30pm-1:45pm (PHY 0405)
F 12:00pm-12:50pm (PHY 0405)

PHYS273 Introductory Physics: Waves; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 273 or PHYS 263.*

0101 **(45914)** Papadopoulos, K.
MW 10:00am-11:00am (PHY 4208)
F 9:00am-11:00am (PHY 4208)

PHYS273H Introductory Physics: Waves; (3) REG/P-F/AUD. *Prerequisites: PHYS 272, and MATH 241. Corequisites: MATH 246 or MATH 414. Credit will be granted for only one of the following: PHYS 273 or PHYS 263.* For general honors students only.

0101 **(45924)** Papadopoulos, K.
MW 10:00am-11:00am (PHY 4208)
F 9:00am-11:00am (PHY 4208)

PHYS275 *(PermReq)* **Experimental Physics I: Mechanics, Heat and Fields; (2)** REG/P-F/AUD. *Prerequisites: (PHYS 171 or PHYS 161) and PHYS 174. Corequisite: PHYS 272.* CORE Physical Science Lab (PL) Course only when taken concurrently with PHYS 272.
0101 **(45934)** Wellstood, F.
M 2:00pm-5:50pm (PHY 3203) Lab
0301 **(45935)** Wellstood, F.
Tu 1:00pm-4:50pm (PHY 3203) Lab

PHYS276 *(PermReq)* **Experimental Physics II: Electricity and Magnetism; (2)** REG/P-F/AUD. *Prerequisites: PHYS 272 and PHYS 275. Credit will be granted for only one of the following: PHYS 276 or former PHYS 295.*
0101 **(45945)** Ellis, R.
M 2:15pm-6:00pm (PHY 3211) Lab
0201 **(45946)** Ellis, R.
Tu 1:00pm-4:50pm (PHY 3211) Lab

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS305 Physics Shop Techniques; (1) REG/P-F/AUD. *Prerequisite: PHYS 405 or permission of department.*
0101 **(46073)** Giddings, M.
Tu 1:00pm-4:00pm (PHY 0125) Lab
0201 **(46074)** Giddings, M.
Th 9:00am-12:00pm (PHY 0125) Lab

PHYS374 Intermediate Theoretical Methods; (4) REG/P-F/AUD. *Prerequisites: PHYS 273 and MATH 246. Corequisite: MATH 240.*
0101 **(46084)** Lathrop, D.
MTuThF 11:00am-11:50am (PHY 0405)

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; (3) REG/P-F/AUD. *Prerequisites: PHYS 273 and PHYS 276. Credit will be granted for only one of the following: PHYS 375 or former PHYS 296.* Besides lab hours scheduled below, additional required lab time will be arranged.
0101 **(46094)** Chang, C.
M 1:00pm-4:50pm (PHY 3104)
0401 **(46095)** Chang, C.
Tu 2:00pm-5:50pm (PHY 3104)

PHYS386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: Learning Proposal approved by the Office of Experiential Learning Programs, faculty sponsor, and student's internship sponsor. 56 semester hours.*

PHYS389 *(PermReq)* **Undergraduate Thesis Research; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS398 *(PermReq)* **Independent Studies Seminar; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS401 Quantum Physics I; (4) REG/P-F/AUD. *Prerequisite: PHYS 273. Corequisites: PHYS 374 and MATH 240. Credit will be granted for only one of the following: PHYS 401 or PHYS 420 or former PHYS 421. Formerly PHYS 421.*
0101 **(46508)** Roos, P.
MF 10:00am-10:50am (PHY 1402)
W 10:00am-11:50am (PHY 1402)

PHYS404 Introduction to Statistical Thermodynamics; (3) REG/P-F/AUD. *Prerequisites: PHYS 273 or equivalent, and MATH 241. Credit will be granted for only one of the following: PHYS 404 or former PHYS 414. Formerly PHYS 414.*
0101 **(46518)** Lobb, C.
MWF 9:00am-9:50am (PHY 0405)

PHYS405 Advanced Experiments; (3) REG/P-F/AUD. *Prerequisite: PHYS 375. Recommended: High school physics. For PHYS majors only. Formerly PHYS 395.*
0101 **(46528)** Webb, R.
W 12:00pm-3:50pm (PHY 3210) Lab

PHYS406 Optics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 240.*
0101 **(46538)** Coplan, M.
MW 4:00pm-5:15pm (PHY 1219)

PHYS410 Classical Mechanics; (4) REG/P-F/AUD. *Prerequisite: PHYS 374.*
0101 **(46548)** Greenberg, O.
TuTh 9:00am-10:50am (PHY 0405)

PHYS420 Principles of Modern Physics; (3) REG/P-F/AUD. *Prerequisite: {PHYS 263 or PHYS 273 or PHYS 301}; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421.*
0101 **(46558)** Baden, A.
MW 4:00pm-5:15pm (PHY 0405)

PHYS426 Mathematica for Scientists and Engineers; (3) REG/P-F/AUD. *Prerequisites: (PHYS 263 or PHYS 273) and MATH 241.*
0101 **(46568)** Kelly, J.
MWF 1:00pm-1:50pm (EGR 3140)

PHYS429 Atomic and Nuclear Physics Laboratory; (3) REG/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only.
0101 **(46578)** Sullivan, G.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS499A *(PermReq)* **Special Problems in Physics: Individual Problems with Laboratory; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS499B *(PermReq)* **Special Problems in Physics: Individual Problems; (1-16)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS601 Theoretical Dynamics; (3) REG/AUD. *Prerequisite: PHYS 410 or equivalent.*
0101 **(46860)** Pati, J.
MWF 9:00am-9:50am (PHY 4220)

PHYS604 Methods of Mathematical Physics; (3) REG/AUD. *Prerequisites: {advanced calculus; and PHYS 410; and PHYS 411}; or equivalent.*
0101 **(46871)** Hassam, A.
TuTh 11:00am-12:15pm (PHY 1219)
TuTh 11:00am-12:15pm (PHY 1221)

PHYS621 Graduate Laboratory; (3) REG/AUD. *Prerequisite: PHYS 405 or equivalent.* All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered.
0101 **(46881)** Sullivan, G.
M 1:00pm-6:00pm (PHY 3112) Lab

PHYS622 Introduction to Quantum Mechanics I; (4) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0201 **(46891)** Jacobson, T.
MW 12:00pm-12:50pm (PLS 1140)
F 11:00am-12:50pm (PLS 1140)

PHYS623 Introduction to Quantum Mechanics II; (3) REG/AUD. *Prerequisite: an outstanding undergraduate background in physics.*
0101 **(46901)** Fivel, D.
MW 11:30am-12:50pm (PHY 4208)

PHYS624 Advanced Quantum Mechanics; (3) REG/AUD. *Prerequisite: PHYS 623.*
0101 **(46911)** Gates, S.
MWF 11:00am-11:50am (PHY 1219)

PHYS675 Introduction to Relativity, Gravitation and Cosmology; (3) REG/AUD. *Prerequisites: PHYS 601 and PHYS 606.*
0101 **(46921)** Brill, D.
TuTh 9:00am-10:15am (PHY 4208)

PHYS708 Seminar in Teaching College Physics; (1) REG/AUD.
0101 **(46931)** Hammer, D.
Th 2:30pm-4:00pm (Arranged)

PHYS709 Seminar in General Physics: Statistical Physics Seminar; (1) REG/AUD.
0101 **(46941)** STAFF
Tu 1:15pm-2:30pm (IPT 1116)

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; (1) REG/AUD.
0101 **(46951)** Dragt, A.
W 1:30pm-3:00pm (EGR 3111)

PHYS731 Solid State Physics: Survey; (3) REG/AUD.
0101 **(46961)** Einstein, T.
TuTh 11:00am-12:15pm (PHY 4208)

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(46971)** Anderson, J.
Th 4:00pm-5:30pm (PLS 1130)

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; (1) REG/AUD.
0101 **(46981)** Das-Sarma, S.
Th 4:00pm-5:30pm (PLS 1130)

PHYS748 Seminar in Experimental Nuclear Physics; (1) REG/AUD.
0101 **(46991)** Roos, P.
M 3:00pm-4:30pm (PHY 1304)

PHYS749 Seminar in Theoretical Nuclear Physics; (1) REG/AUD.
0101 **(47001)** Banerjee, M.
F 3:00pm-5:00pm (PHY 1219)

PHYS758 *(PermReq)* **Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; (1)** REG/AUD.
0101 **(47011)** Skuja, A.
W 3:00pm-5:00pm (PHY 4220)

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; (1) REG/AUD.
0101 **(47021)** Mohapatra, R.
M 3:00pm-4:50pm (PHY 4102)

PHYS761 Plasma Physics I: Survey; (3) REG/AUD. *Prerequisites: {PHYS 604; and PHYS 606}.*
0101 **(47031)** Goldenbaum, G.
TuTh 12:30pm-1:45pm (PHY 4208)

PHYS769 Seminar in Plasma Physics; (1) REG/AUD. Class will meet in ERF 1207.
0101 **(47041)** Hassam, A.
W 4:00pm-5:15pm (Arranged)

PHYS778 Seminar in Space and Cosmic Ray Physics; (1) REG/AUD.
0101 **(47051)** Mason, G.
M 4:30pm-5:45pm (CSS 2400)

PHYS779A Seminar in General Relativity: Theoretical General Relativity; (1) REG/AUD.
0101 **(47061)** Jacobson, T.
F 1:30pm-3:00pm (PHY 4220)

PHYS798 *(PermReq)* **Special Problems in Advanced Physics; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; (1) REG/AUD.
0101 **(47209)** Misner, C.
Tu 4:00pm-6:00pm (PHY 1410)

PHYS798D Special Problems in Advanced Physics: Applied Dynamics Seminar; (1) REG/AUD.
0101 **(47219)** Ott, E.
Th 12:00pm-1:30pm (Arranged)

PHYS798J Special Problems in Advanced Physics: Fundamentals of Atomic, Molecular, and Optical Interactions II; (3) REG/AUD.
0101 **(47229)** Hill, W.
WF 9:30am-10:45am (PHY 1204)

PHYS798P Special Problems in Advanced Physics: Bose-Einstein Condensations: Recent Perpsectives; (3) REG/AUD.
0101 **(47239)** Clark, C.

PHYS799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

PHYS838A Special Topics in Experimental Solid State Physics: Current Topics in Surface Physics; (2) REG/AUD.
0101 **(47385)** Williams, E.
M 4:00pm-5:00pm (PHY 2120)
F 4:00pm-6:00pm (PHY 1402)

PHYS838C Special Topics in Experimental Solid State Physics: Superconductivity Seminar; (2) REG/AUD.
0101 **(47395)** Greene, R.
W 12:00pm-1:50pm (PHY 1221)
W 12:00pm-1:50pm (PHY 1219)

PHYS839A Special Topics in Theoretical Solid State Physics: Theory of Low Dimensional Systems; (1) REG/AUD.
0101 **(47405)** Das-Sarma, S.
F 4:00pm-7:00pm (PHY 1304)

PHYS851 Advanced Quantum Field Theory; (3) REG/AUD. *Prerequisite: PHYS 624.*
0101 **(47415)** Luty, M.
MWF 11:00am-11:50am (PHY 4220)

PHYS899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.
Physics Colloquium meets Tu 4-5:30 in PHY 1410 and PHY 1412.
Physics Journal Club meets Th 4-5:30 in PHY 1410.

PORT Portuguese
(Arts and Humanities)

PORT101 Elementary Portuguese; (4) REG/P-F/AUD.
0101 **(47624)** Peres, P.
MWF 11:00am-11:50am (JMZ 1120)
Tu 11:00am-11:50am (JMZ 2120)

PORT203 Intermediate Portuguese; (4) REG/P-F/AUD. *Prerequisite: PORT 102.*
0101 **(47634)** Igel, R.
MWF 1:00pm-1:50pm (JMZ 2125)
Tu 1:00pm-1:50pm (JMZ 2120)

PORT228A Latin American Literatures and Societies: An Interdisciplinary Approach to the Amazon Ecosystem; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(47644)** Igel, R.
MWF 2:00pm-2:50pm (JMZ 3203)

PORT231 Introduction to the Literatures of the Portuguese Language; (3) REG/P-F/AUD. *Prerequisite: PORT 205 or permission of department.*
0101 **(47654)** Igel, R.
MWF 11:00am-11:50am (JMZ 0202)

PORT234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 234 and LASC 234. Credit will be granted for only one of the following: PORT 234 or SPAN 234 or LASC 234.*
0101 **(47664)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(47665)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

PORT234H Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as SPAN 234 and LASC 234. Credit will be granted for only one of the following: PORT 234 or SPAN 234 or LASC 234.* For general honors students only.
0101 **(47675)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

PORT378 Brazilian Cinema (in Translation); (3) REG/P-F/AUD. DIVERSITY
0101 **(47685)** Peres, P.
MW 1:00pm-2:50pm (JMZ 2120)

PORT386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(47695)** Igel, R.
Time and room to be arranged

PORT399 Independent Study in Portuguese; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PORT699 *(PermReq)* **Independent Study of Portuguese; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PSYC Psychology
(Behavioral and Social Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

The Department of Psychology enforces course prerequisites. Students who do not meet the course prerequisites will be administratively dropped from the course.

PSYC100 Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Discussion sections do not meet until after first lecture. Research requirement: may involve participation in research.
0110 **(47757)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 10:00am-10:50am (BPS 1228) Dis
0111 **(47758)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 11:00am-11:50am (BPS 1228) Dis
0112 **(47759)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 12:00pm-12:50pm (BPS 1228) Dis
0113 **(47760)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
W 1:00pm-1:50pm (BPS 1228) Dis
0114 **(47761)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 2:00pm-2:50pm (BPS 1228) Dis
0115 **(47762)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 3:00pm-3:50pm (BPS 1228) Dis
0116 **(47763)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
W 10:00am-10:50am (BPS 1228) Dis
0117 **(47764)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 9:00am-9:50am (BPS 1228) Dis
0118 **(47765)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
F 9:00am-9:50am (BPS 1228) Dis
0119 **(47766)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
Th 9:00am-9:50am (BPS 1124) Dis
0120 **(47767)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
Th 10:00am-10:50am (BPS 1234) Dis
0121 **(47768)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
Th 2:00pm-2:50pm (BPS 1228) Dis
0122 **(47769)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
Th 3:00pm-3:50pm (BPS 1228) Dis
0123 **(47770)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
F 11:00am-11:50am (BPS 1228) Dis
0124 **(47771)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
F 12:00pm-12:50pm (BPS 1228) Dis
0125 **(47772)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
F 1:00pm-1:50pm (BPS 1228) Dis
0126 **(47773)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
F 2:00pm-2:50pm (BPS 1228) Dis
0127 **(47774)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 10:00am-10:50am (BPS 1124) Dis
0128 **(47775)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 11:00am-11:50am (BPS 1124) Dis
0129 **(47776)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 12:00pm-12:50pm (BPS 1124) Dis
0220 **(47777)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 11:00am-11:50am (BPS 1228) Dis
0221 **(47778)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 12:00pm-12:50pm (BPS 1228) Dis
0222 **(47779)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 1:00pm-1:50pm (BPS 1228) Dis
0223 **(47780)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 2:00pm-2:50pm (BPS 1228) Dis
0224 **(47781)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 3:00pm-3:50pm (BPS 1228) Dis
0225 **(47782)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 9:00am-9:50am (BPS 1124) Dis
0226 **(47783)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
Tu 9:00am-9:50am (BPS 1228) Dis
0227 **(47784)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
Th 9:00am-9:50am (BPS 1228) Dis
0228 **(47785)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
Th 10:00am-10:50am (BPS 1228) Dis
0229 **(47786)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
Th 11:00am-11:50am (BPS 1228) Dis
0230 **(47787)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 1:00pm-1:50pm (BPS 1124) Dis
0231 **(47788)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 10:00am-10:50am (BPS 1124) Dis
0232 **(47789)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 11:00am-11:50am (BPS 1124) Dis
0233 **(47790)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 12:00pm-12:50pm (BPS 1124) Dis
0234 **(47791)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 1:00pm-1:50pm (BPS 1124) Dis
0235 **(47792)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
F 1:00pm-1:50pm (BPS 1124) Dis
0236 **(47793)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
F 2:00pm-2:50pm (BPS 1124) Dis
0237 **(47794)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 3:00pm-3:50pm (BPS 1124) Dis
0238 **(47795)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 9:00am-9:50am (BPS 1124) Dis
0239 **(47796)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 2:00pm-2:50pm (BPS 1124) Dis
0330 **(47797)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
Tu 9:00am-9:50am (BPS 1124) Dis
0331 **(47798)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
Tu 10:00am-10:50am (BPS 1228) Dis
0332 **(47799)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
Tu 1:00pm-1:50pm (BPS 1228) Dis
0333 **(47800)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
Tu 2:00pm-2:50pm (BPS 1228) Dis
0335 **(47801)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
W 9:00am-9:50am (BPS 1228) Dis
0336 **(47802)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
W 2:00pm-2:50pm (BPS 1124) Dis
0337 **(47803)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
F 9:00am-9:50am (BPS 1124) Dis
0338 **(47804)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
F 10:00am-10:50am (BPS 1124) Dis
0339 **(47805)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
F 11:00am-11:50am (BPS 1124) Dis
0340 **(47806)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
F 12:00pm-12:50pm (BPS 1124) Dis

0341 **(47807)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 10:00am-10:50am (BPS 1232) Dis
0342 **(47808)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 11:00am-11:50am (BPS 1232) Dis
0344 **(47809)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 12:00pm-12:50pm (BPS 1232) Dis
0345 **(47810)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 1:00pm-1:50pm (BPS 1232) Dis
0346 **(47811)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 2:00pm-2:50pm (BPS 1232) Dis
0348 **(47812)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
W 10:00am-10:50am (BPS 1232) Dis
0349 **(47813)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
W 11:00am-11:50am (BPS 1232) Dis
0410 **(47814)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
W 2:00pm-2:50pm (BPS 1234) Dis
0411 **(47815)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
W 3:00pm-3:50pm (BPS 1124) Dis
0412 **(47816)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
Th 1:00pm-1:50pm (BPS 1124) Dis
0413 **(47817)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
Th 2:00pm-2:50pm (BPS 1232) Dis
0414 **(47818)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
Th 3:00pm-3:50pm (BPS 1232) Dis
0415 **(47819)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
F 10:00am-10:50am (BPS 1232) Dis
0416 **(47820)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
F 11:00am-11:50am (BPS 1232) Dis
0417 **(47821)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
F 12:00pm-12:50pm (BPS 1232) Dis
0418 **(47822)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
F 1:00pm-1:50pm (BPS 1232) Dis
0419 **(47823)** STAFF
MW 4:00pm-5:15pm (BPS 1240)
F 2:00pm-2:50pm (BPS 1232) Dis

PSYC100+ Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Restricted to students in a First Year Focus Cluster or College Park Scholars - Advocates for Children.
0110 **(47833)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 10:00am-10:50am (BPS 1228) Dis

Restricted to College Park Scholars - Advocates for Children.

0113 **(47834)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
W 1:00pm-1:50pm (BPS 1228) Dis

Restricted to students in a First Year Focus Cluster.

0116 **(47835)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
W 10:00am-10:50am (BPS 1228) Dis

Restricted to College Park Scholars - Advocates for Children.

0127 **(47836)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 10:00am-10:50am (BPS 1228) Dis

Restricted to students in a First Year Focus Cluster.

0128 **(47837)** Plude, D.
TuTh 12:30pm-1:45pm (BPS 1240)
M 11:00am-11:50am (BPS 1124) Dis

Restricted to students in a First Year Focus Cluster.

0229 **(47838)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
Th 11:00am-11:50am (BPS 1228) Dis

Restricted to students in a First Year Focus Cluster.

0230 **(47839)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
M 1:00pm-1:50pm (BPS 1124) Dis

Restricted to students in a First Year Focus Cluster.

0234 **(47840)** Smith, B.
TuTh 2:00pm-3:15pm (BPS 1240)
W 1:00pm-1:50pm (BPS 1124) Dis

Restricted to students in a First Year Focus Cluster.

0334 **(47841)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
Tu 11:00am-11:50am (BPS 1228) Dis

Restricted to students in a First Year Focus Cluster.

0341 **(47842)** Martin, J.
TuTh 5:00pm-6:15pm (BPS 1240)
M 10:00am-10:50am (BPS 1232) Dis

Restricted to students in a First Year Focus Cluster.

PSYC100H Introduction to Psychology; (3) REG/P-F/AUD. CORE: SB Open to Honors students only.
0101 **(47852)** STAFF
TuTh 3:00pm-4:15pm (HBK 0115)
0201 **(47853)** Steinman, R.
TuTh 12:30pm-1:45pm (BPS 1112)

PSYC200 *(PermReq)* **Statistical Methods in Psychology; (3)** REG/P-F/AUD. *Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220.* Permission must be obtained in ZOP 1107.
0101 **(47863)** STAFF, ..
TuTh 8:00am-9:15am (BPS 1238)
0201 **(47864)** STAFF, ..
TuTh 11:00am-12:15pm (BPS 1243)
F 11:00am-11:50am (BPS 1243)
0301 **(47865)** STAFF, ..
TuTh 2:00pm-3:15pm (BPS 1243)
F 2:00pm-2:50pm (BPS 1243) Dis

PSYC221 Social Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.*
0101 **(47875)** Aspinwall, L.
MWF 1:00pm-1:50pm (BPS 1250)
Priority registration will be given to PSYC majors and to students in other majors that specifically require/recommend these courses.

PSYC301 Biological Basis of Behavior; (3) REG/P-F/AUD. *Prerequisites: BSCI 105 and PSYC 100.* Restricted to PSYC (major code 20010) students only.
0101 **(47885)** Yager, D.
TuTh 2:00pm-3:15pm (BPS 1250)

PSYC310 Perception; (3) REG/P-F/AUD. *Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47895)** Sternheim, C.
TuTh 8:00am-9:15am (BPS 1243)

PSYC334 Psychology of Interpersonal Relationships; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47905)** Brown, R.
TuTh 11:00am-12:15pm (BPS 1238)

PSYC336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as WMST 336. Credit will be granted for only one of the following: PSYC 336 or WMST 336.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47915)** Helms, J.
TuTh 3:30pm-4:45pm (BPS 1250)

PSYC353 Adult Psychopathology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47925)** Alexander, P.
MW 3:30pm-4:45pm (BPS 1250)

PSYC355 Child Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Not open to students who have completed PSYC 333.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47936)** STAFF
TuTh 5:00pm-6:15pm (BPS 1250)

PSYC356 Psychology of Adolescence; (3) REG/P-F/AUD. *Prerequisite: PSYC 355 or permission of department.*
0101 **(47946)** Trickett, E.
MWF 3:00pm-3:50pm (BPS 1243)

PSYC361 Survey of Industrial and Organizational Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 100.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(47956)** Gelfand, M.
M 5:00pm-8:00pm (BPS 1250)

PSYC386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(47966)** Coursey, R.
W 3:00pm-5:30pm (BPS 1238)

PSYC402 Physiological Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 206 or PSYC 301..*
0101 **(47976)** Moss, C.
MW 2:00pm-3:15pm (BPS 1236)
0201 **(47977)** Brauth, S.
TuTh 12:30pm-1:45pm (BPS 1236)
All 400-level courses are restricted to PSYC majors (20010) only.

PSYC404 Introduction to Behavioral Pharmacology; (3) REG/P-F/AUD. *Prerequisites: PSYC 200 and [PSYC 206 or PSYC 301 or PSYC 400].*
0101 **(47987)** Hall, F.
M 5:00pm-8:00pm (BPS 2109)

PSYC420 Experimental Psychology: Social Processes I; (4) REG/P-F/AUD. *Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(47997)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
Th 10:00am-12:00pm (BPS 0147) Lab
0102 **(47998)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
Th 12:00pm-2:00pm (BPS 0147) Lab
0103 **(47999)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
Th 2:00pm-4:00pm (BPS 0147) Lab
0104 **(48000)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
F 10:00am-12:00pm (BPS 0147) Lab
0105 **(48001)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
F 12:00pm-2:00pm (BPS 0147) Lab
0106 **(48002)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
F 2:00pm-4:00pm (BPS 0147) Lab
0107 **(48003)** STAFF, ..
MW 2:00pm-3:00pm (BPS 1243)
M 12:00pm-2:00pm (BPS 0147) Lab

PSYC424 Communication and Persuasion; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and PSYC 221.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48013)** Mills, J.
TuTh 9:30am-10:45am (BPS 2283)

PSYC432 Introduction to Counseling Psychology; (3) REG/P-F/AUD. *Prerequisite: nine hours in psychology including PSYC 200.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48023)** Gelso, C.
MWF 11:00am-11:50am (BPS 1236)
0201 **(48024)** Jackson, S.
TuTh 2:00pm-3:15pm (BPS 1236)

PSYC433 Analysis of Helping Relationships; (3) REG. *Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432].* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48034)** O'Brien, K.
TuTh 3:30pm-4:45pm (BPS 1238)

PSYC436 Introduction to Clinical Psychology; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48044)** STAFF, ..
TuTh 11:00am-12:15pm (BPS 1232)

PSYC440 Experimental Psychology: Cognitive Processes; (4) REG/P-F/AUD. *Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(48054)** Murnane, K.
Tu 2:00pm-4:30pm (BPS 2283)
Th 10:00am-12:00pm (BPS 0124) Lab
0102 **(48055)** Murnane, K.
Tu 2:00pm-4:30pm (BPS 2283)
TuTh 12:00pm-2:00pm (BPS 0124) Lab
0103 **(48056)** Murnane, K.
Tu 2:00pm-4:30pm (BPS 2283)
TuTh 2:00pm-4:00pm (BPS 0124) Lab

PSYC443 Thinking and Problem Solving; (3) REG/P-F/AUD. *Prerequisites: PSYC 200; and [PSYC 341 or PSYC 440] or permission of department.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48066)** Norman, K.
MWF 2:00pm-2:50pm (CSS 1410)

PSYC450 Field Research in Organizational Psychology; (4) REG/P-F/AUD. *Prerequisites: PSYC 100, PSYC 200 and completion of required English, math, science sequence. Recommended: PSYC 361. For PSYC majors only.* Restricted to PSYC majors (20010) who have completed 85 credits.
0101 **(48076)** Klein, K.
MW 1:30pm-3:30pm (BPS 2283)

PSYC460 Psychological Foundations of Personnel Selection and Training; (3) REG/P-F/AUD. *Prerequisite: PSYC 200 or equivalent.* Restricted to PSYC (major code 20010) students only. Other majors are put on a hold list.
0101 **(48086)** STAFF
TuTh 11:00am-12:15pm (BPS 2283)

PSYC469H *(PermReq)* **Honors Thesis Proposal Preparation; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Restricted to PSYC majors (20010) only.

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only. The student must have completed 9 hours in PSYC with at least a 3.0 GPA in PSYC and a 2.8 overall GPA.

PSYC498H Advanced Psychology II (Honors); (3) REG/P-F/AUD. Restricted to PSYC majors (20010) only.
0101 **(48240)** STAFF
TuTh 2:00pm-4:30pm (BPS 1124)

PSYC499H *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. Restricted to PSYC majors (20010) only.
Note: For all non-psychology graduate students, written permission of the instructor is required for all 600 level and above courses.

PSYC601 Quantitative Methods I; (3) REG/AUD. *Prerequisite: PSYC 200 or equivalent.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48292)** O'Grady, K.
TuTh 9:30am-10:45am (BPS 1238)
Th 4:30pm-6:00pm (BPS 1124) Dis

PSYC603 Introduction to Industrial and Organizational Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 603 or PSYC 730. Formerly PSYC 730.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48302)** Klein, K.
M 9:30am-12:00pm (BPS 1103)

PSYC606 *(PermReq)* **Human Biopsychology; (3)** REG/AUD. *Credit will be granted for only one of the following: PSYC 606 or PSYC 660. Formerly PSYC 660.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48312)** Brauth, S.
Tu 9:30am-12:00pm (BPS 1103)

PSYC607 Advanced Topics in Human-Learning and Cognitive Psychology; (3) REG/AUD. *Credit will be granted for only one of the following: PSYC 607 or PSYC 671. Formerly PSYC 671.* For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48322)** Horton, D.
F 10:00am-12:30pm (BPS 1103)

PSYC622 Research Methods in Clinical/Community Psychology; (3) REG. *Prerequisite: permission of instructor. Credit will be granted for only one of the following: PSYC 622 or PSYC 718. Formerly PSYC 718.*
0101 **(48332)** Smith, B.
Tu 3:30pm-6:30pm (BPS 1236)

PSYC628 Advanced Topics in Clinical/Community Psychology; (1-3) REG.
0101 **(48342)** Brown, R.
W 9:30am-12:00pm (BPS 1112)

PSYC630 Clinical/Community Didactic-Practicum in Adult Psychotherapy; (3) S-F. *Prerequisites: PSYC 620 or PSYC 680 and permission of instructor. Credit will be granted for only one of the following: PSYC 630 or PSYC 728. Formerly PSYC 728.*
0101 **(48352)** Alexander, P.
Th 9:30am-12:00pm (BPS 1103)
0201 **(48353)** Coursey, R.
W 9:30am-12:00pm (BPS 1103)

PSYC692 Assessment in Counseling Psychology I; (3) REG. *Prerequisite: PSYC 680. Credit will be granted for only one of the following: PSYC 692 or PSYC 721. Formerly PSYC 721.*
0101 **(48363)** Helms, J.
M 1:30pm-4:30pm (Arranged)

PSYC698 Advanced Didactic-Practicum in Counseling Psychology; (3) S-F.
0101 **(48373)** O'Brien, K.
M 1:30pm-4:30pm (Arranged)
0201 **(48374)** Gelso, C.
Th 2:00pm-5:00pm (BPS 1112)

PSYC700 Theories and Strategies of Counseling Psychology; (3) REG. *Prerequisite: permission of department. Credit will be granted for only one of the following: PSYC 700 or PSYC 711. Formerly PSYC 711.*
0101 **(48384)** Hill, C.
M 1:30pm-4:30pm (BPS 1103)

PSYC707 Theory of Decision and Choice; (3) REG/AUD. *Prerequisite: PSYC 602 and permission of instructor.*
0101 **(48394)** Norman, K.
Tu 2:00pm-4:30pm (CSS 1410)

PSYC732 Selection and Classification Issues in Organizations; (3) REG/AUD. *Prerequisites: PSYC 603, and PSYC 602 or equivalent, or permission of instructor.*
0101 **(48404)** Hanges, P.
Tu 1:00pm-3:30pm (BPS 1103)

PSYC738 Seminar in Industrial/Organizational Psychology; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48414)** Gelfand, M.
Tu 3:30pm-6:00pm (BPS 1112)

PSYC740 Social Psychology Research Methodology; (3) REG/AUD.
0101 **(48424)** Mills, J.
W 9:30am-12:00pm (BPS 3132)

PSYC744 Multivariate Methods in Social Psychology; (3) REG/AUD. *Prerequisites: PSYC 601 and PSYC 602.*
0101 **(48434)** Aspinwall, L.
Th 10:00am-12:30pm (BPS 3132)

PSYC748 *(PermReq)* **Seminar in Social Psychology; (3)** REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48444)** Kruglanski, A.
W 3:00pm-5:30pm (BPS 3132)

PSYC764 Comparative Neuroanatomy; (3) REG/AUD. *Prerequisite: permission of instructor.*
0101 **(48454)** Hodos, W.
TuTh 9:30am-10:45am (BPS 1112)

PSYC788 Special Research Problems; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48464)** Hodos, W.
Time and room to be arranged

PSYC789 Special Research Problems; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. For all non-psychology graduate students, written permission of the instructor is required.

PSYC799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PSYC819 Seminar in Personality and Development; (3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48574)** Cassidy, J.
W 3:30pm-6:00pm (BPS 1112)

PSYC888 Research Methods in Psychology; (1-3) REG/AUD. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.
0101 **(48584)** Horton, D.
W 3:00pm-4:30pm (BPS 1103)
0201 **(48585)** Hanges, P.
M 2:00pm-3:30pm (HBK 1116)
0301 **(48586)** Yager, D.
TuTh 11:00am-12:15pm (BPS 1112)
0401 **(48587)** Cassidy, J.
W 12:00pm-1:30pm (Arranged)

PSYC899 Doctoral Dissertation Research; (1-8) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. For PSYC majors only. For all non-psychology graduate students, written permission of the instructor and department is required.

PUAF Public Affairs
(Public Affairs)

PUAF610 Quantitative Methods in Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48695)** Fetter, S.
MW 10:40am-11:55am (VMH 1206)
Time and room to be arranged Dis
0201 **(48696)** Fetter, S.
W 4:15pm-6:45pm (VMH 1206)
Time and room to be arranged Dis

PUAF620 Political Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(48706)** Schick, A.
TuTh 10:40am-11:55am (VMH 1107)
0401 **(48707)** Schick, A.
TuTh 9:15am-10:30am (VMH 1107)

PUAF640 Microeconomic Theory and Policy Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48719)** Lopez, M.
TuTh 10:50am-12:05pm (VMH 1206)
Tu 7:00pm-9:30pm (VMH 1206) Dis
0301 **(48720)** Lopez, M.
Tu 4:15pm-6:45pm (VMH 1206)

Tu 7:00pm-9:30pm (VMH 1206) Dis

PUAF650 Normative Analysis; (3) REG/AUD. *For PUAF majors only or permission of department.*
0201 **(48731)** Crocker, D.
Th 1:30pm-4:00pm (VMH 1107)

PUAF670 Finance; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48741)** Slater, S.
M 4:15pm-6:45pm (VMH 1109)
M 7:00pm-9:30pm (VMH 1109) Dis

PUAF698P Selected Topics in Public Affairs: Leadership: Theory into Practice; (3) REG/AUD.
0101 **(48782)** Kellerman, B.
M 4:15pm-6:45pm (SQH 2121)

PUAF698T Selected Topics in Public Affairs: The Purposes of the University; (3) REG/AUD.
0101 **(48803)** Fallon, D.
Tu 7:00pm-9:30pm (VMH 1109)

PUAF698U Selected Topics in Public Affairs: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD.
0101 **(48813)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

PUAF698V Selected Topics in Public Affairs: Managing Social Services; (3) REG.
0101 **(48823)** Broadnax, W.
M 4:15pm-6:45pm (VMH 1107)

PUAF700 U.S. Trade: Policy and Politics; (3) REG/AUD.
Prerequisites: [PUAF 620; and PUAF 640; and PUAF 641]. For PUAF majors only or permission of department.
0101 **(48833)** STAFF
W 4:15pm-6:45pm (VMH 1107)

PUAF706 Public Policymaking for Journalists; (3) REG/AUD.
Prerequisites: JOUR 462 and JOUR 728. For JOUR majors only.
0101 **(48843)** STAFF
M 1:00pm-4:00pm (VMH 1107)

PUAF711 Management Strategies in Public Organizations; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48853)** Broadnax, W.
M 9:15am-11:45am (VMH 1107)
0201 **(48854)** Fallon, D.
Th 4:15pm-7:00pm (VMH 1107)

PUAF716 State and Local Government Budgeting; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48864)** Brown, M.
W 7:00pm-9:30pm (VMH 1107)

PUAF720 United States National Security Policy after the Cold War; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48874)** Schake, K.
Th 4:15pm-6:45pm (VMH 1109)

PUAF741 Global Environmental Problems; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48895)** Fetter, S.
Tu 4:15pm-6:45pm (VMH 1107)
Tu 7:00pm-9:30pm (VMH 1107) Dis

PUAF743 Ecological Economics; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48905)** Daly, H.
Th 4:15pm-6:45pm (VMH 1206)

PUAF745 Human Health and Environmental Policy; (3) REG/AUD.
0101 **(48915)** Sprinkle, R.
Tu 1:30pm-4:00pm (VMH 1107)

PUAF781 International Economic Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48985)** Reinhart, C.
W 1:30pm-4:00pm (VMH 1107)

PUAF790 Project Course; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(48995)** STAFF
Th 12:05pm-1:25pm (VMH 1107)
Time and room to be arranged Dis
0301 **(48996)** Rogers, J.
Tu 12:05pm-1:20pm (VMH 1107)
Time and room to be arranged Dis
0401 **(48997)** Fetter, S.
W 12:05pm-1:25pm (VMH 1107)
Time and room to be arranged Dis

PUAF792 Strategy and Policy; (3) REG/AUD. *For PUAF majors only or permission of department.*
0101 **(49007)** Turner, S.
Tu 1:30pm-4:00pm (VMH 1109)

PUAF798B Readings in Public Policy; (1-3) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

PUAF899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

RUSS Russian
(Arts and Humanities)

RUSS101 Elementary Russian I; (5) REG/P-F/AUD. *Not open to native speakers of Russian.*
0101 **(49116)** Hardman, I.
MWF 11:00am-11:50am (JMZ 2102)
TuTh 11:00am-12:15pm (JMZ 1109) Dis
0201 **(49117)** Hardman, I.
MWF 12:00pm-12:50pm (JMZ 0122)
TuTh 12:30pm-1:45pm (JMZ 0122) Dis

RUSS201 Intermediate Russian I; (4) REG/P-F/AUD. CORE: HO
Prerequisite: RUSS 102. Not open to native speakers of Russian.
Course chairman: C. Martin.
0101 **(49127)** Martin, C.
MWF 12:00pm-12:50pm (JMZ 2102)
TuTh 12:00pm-12:50pm (JMZ 2102) Dis
0201 **(49128)** STAFF
MWF 1:00pm-1:50pm (JMZ 2102)
TuTh 1:00pm-1:50pm (JMZ 2102) Dis

RUSS221 Masterworks of Russian Literature I; (3) REG/P-F/AUD. CORE: HL There will be separate discussions in English and Russian.
0101 **(49138)** Lekic, M.
TuTh 2:00pm-3:15pm (JMZ 0122)

RUSS282 Contemporary Russian Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY
0101 **(49148)** Martin, C.
TuTh 9:30am-10:45am (JMZ 3205)

RUSS298M Special Topics in Russian Language and Literature: Russian Cinema in Translation: The Eighties and the Nineties; (3) REG/P-F/AUD.
0101 **(49158)** Gor, K.
TuTh 11:00am-12:15pm (JMZ 1123)

RUSS301 Advanced Russian I; (3) REG/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(49168)** STAFF
MWF 12:00pm-12:50pm (JMZ 1211)
0201 **(49169)** STAFF
MWF 12:00pm-12:50pm (JMZ 2206)

RUSS303 Russian Conversation: Functional Skills; (3) REG/P-F/AUD. *Prerequisite: RUSS 202 or equivalent.*
0101 **(49179)** STAFF
TuTh 11:00am-12:15pm (JMZ 3118)

RUSS321 Survey of Russian Literature I; (3) REG/P-F/AUD.
Prerequisite: RUSS 202 or equivalent.
0101 **(49189)** STAFF
MWF 3:00pm-3:50pm (JMZ 3203)

RUSS381 Russian Civilization (in Russian) I; (3) REG/P-F/AUD.
Prerequisite: RUSS 202.
0101 **(49199)** Hitchcock, D.
TuTh 11:00am-12:15pm (JMZ 1211)

RUSS386 *(PermReq)* **Experiential Learning; (3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

RUSS401 Advanced Russian Composition; (3) REG/P-F/AUD.
Prerequisite: RUSS 302.
0101 **(49214)** STAFF
MWF 12:00pm-12:50pm (JMZ 1109)

RUSS405 Russian-English Translation I; (3) REG/P-F/AUD. *Pre- or corequisite: RUSS 302 or equivalent.*
0101 **(49224)** Hitchcock, D.
TuTh 12:30pm-1:45pm (JMZ 1211)

RUSS409 *(PermReq)* **Selected Topics in Russian Language Study: Russian Television and Journalism; (3)** REG/P-F/AUD.
0101 **(49234)** STAFF
TuTh 12:30pm-1:45pm (JMZ 2123)

RUSS611 Problems in Russian Phonology and Morphology; (3) REG/AUD. *Prerequisite: RUSS 411 or permission of department. Corequisite: RUSS 610.*
0101 **(49244)** Brecht, R.
M 5:00pm-7:30pm (JMZ 3203)

RUSS612 Problems in Russian Syntax; (3) REG/AUD. *Prerequisite: RUSS 412 or permission of department.*
0101 **(49254)** Lekic, M.
Tu 4:00pm-6:30pm (JMZ 2102)

RUSS798 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
0101- Staff: 0201- Brecht, Richard: 0301- Staff: 0401- Hitchcock, Donald: 0501- Lekic, Maria: 0601- Martin, Cynthia, 0701- Gor, Kira.

RUSS798R Independent Study: Language and Cognition; (3) REG/AUD.
0101 **(49269)** STAFF
W 4:00pm-6:30pm (JMZ 2122)

RUSS798S Independent Study: Second Language Acquisition; (1-3) REG/AUD.
0101 **(49279)** Gor, K.
Th 2:00pm-4:30pm (JMZ 1123)

RUSS799 Thesis Research; (1-6) REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

SLAV Slavic
(Arts and Humanities)

SLAV499 Directed Study; (1-3) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY Sociology
(Behavioral and Social Sciences)

SOCY100 Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB
Prerequisite for other sociology courses.
0101 **(49398)** STAFF
MWF 1:00pm-1:50pm (ASY 3207)
0201 **(49399)** Hunt, L.
TuTh 2:00pm-3:15pm (ASY 2309)
0301 **(49400)** STAFF
MWF 9:00am-9:50am (ASY 3203)
0401 **(49401)** Hunt, L.
TuTh 11:00am-12:15pm (ASY 1213)
0501 **(49402)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 9:00am-9:50am (ARC 1121) Lab
0502 **(49403)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 10:00am-10:50am (ASY 3221) Lab
0503 **(49404)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 11:00am-11:50am (ASY 3221) Lab
0504 **(49405)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 12:00pm-12:50pm (ASY 3221) Lab
0505 **(49406)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 1:00pm-1:50pm (ASY 3221) Dis
0506 **(49407)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 2:00pm-2:50pm (ASY 3221) Dis
0507 **(49408)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 11:00am-11:50am (ASY 3211) Dis
0508 **(49409)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 12:00pm-12:50pm (ASY 3215) Dis
0509 **(49410)** Lengermann, J.
MW 9:00am-9:50am (ARC 0204)
F 2:00pm-2:50pm (ASY 3215) Dis
0601 **(49411)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 8:00am-8:50am (ASY 3221) Dis
0602 **(49412)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 9:00am-9:50am (ARC 1123) Dis
0603 **(49413)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 10:00am-10:50am (ASY 3221) Dis
0604 **(49414)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 11:00am-11:50am (ARC 1123) Dis
0605 **(49415)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3221) Dis
0606 **(49416)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 1:00pm-1:50pm (ASY 3221) Dis
0607 **(49417)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 2:00pm-2:50pm (ASY 3221) Dis
0608 **(49418)** Pease, J.
TuTh 12:30pm-1:45pm (ASY 2203)
W 12:00pm-12:50pm (ASY 3217) Dis
0701 **(49419)** STAFF
MWF 9:00am-9:50am (ASY 3207)

SOCY100+ Introduction to Sociology; (3) REG/P-F/AUD. CORE: SB
0609 **(49429)** STAFF
TuTh 12:30pm-1:45pm (ASY 2203)
W 2:00pm-2:50pm (CCC 1100) Dis

SOCY105 Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB
0101 **(49439)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 9:00am-9:50am (COL 3110) Dis
0102 **(49440)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 10:00am-10:50am (ARC 1121) Dis
0103 **(49441)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (TYD 0101) Dis
0104 **(49442)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (COL 3112) Dis
0105 **(49443)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 1:00pm-1:50pm (ASY 3217) Dis
0106 **(49444)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 2:00pm-2:50pm (COL 3110) Dis
0107 **(49445)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 11:00am-11:50am (ARC 1103) Dis
0108 **(49446)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 12:00pm-12:50pm (COL 3114) Dis
0109 **(49447)** Hunt, J.
TuTh 2:00pm-3:15pm (ASY 2203)
F 1:00pm-1:50pm (ARC 1123) Dis
0201 **(49448)** Zamani-Moghadam, L.
TuTh 11:00am-12:15pm (ASY 3203)
0301 **(49449)** STAFF
MWF 10:00am-10:50am (ASY 3203)
0401 **(49450)** STAFF
MWF 12:00pm-12:50pm (ASY 3203)

SOCY105H Introduction to Contemporary Social Problems; (3) REG/P-F/AUD. CORE: SB
0101 **(49460)** STAFF
MW 2:00pm-3:15pm (JMZ 0118)

SOCY201 Introductory Statistics for Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 100 and MATH 111 or equivalent. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URSP 350, or TEXT 400.* Required for majors.
0101 **(49470)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 8:00am-9:50am (ASY 3217) Lab
0102 **(49471)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 10:00am-11:50am (ASY 3217) Lab
0103 **(49472)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
W 1:00pm-2:50pm (ASY 3217) Lab
0104 **(49473)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 8:00am-9:50am (ASY 3217) Lab
0105 **(49474)** Kahn, J.
TuTh 11:00am-12:15pm (ASY 2309)
M 10:00am-11:50am (ASY 3217) Lab

SOCY202 Introduction to Research Methods in Sociology; (4) REG/P-F/AUD. *Prerequisite: SOCY 201.* To be taken immediately after SOCY 201. Required for majors.
0101 **(49484)** Davis, R.
TuTh 9:30am-10:45am (ASY 1213)
Th 11:00am-12:50pm (ASY 3217) Lab
0102 **(49485)** Davis, R.
TuTh 9:30am-10:45am (ASY 1213)
Th 1:00pm-2:50pm (ASY 3217) Lab
0103 **(49486)** Davis, R.
TuTh 9:30am-10:45am (ASY 1213)
F 8:00am-9:50am (ASY 3217) Lab
0104 **(49487)** Davis, R.
TuTh 9:30am-10:45am (ASY 1213)
F 10:00am-11:50am (ASY 3217) Lab

SOCY203 Sociological Theory; (3) REG/P-F/AUD. *Prerequisite: SOCY 100.* Required for sociology majors.
0101 **(49497)** Segal, D.
TuTh 2:00pm-3:15pm (ARC 1101)

SOCY227 Introduction to the Study of Deviance; (3) REG/P-F/AUD. CORE: SB *Credit will be granted for only one of the following: SOCY 227 or SOCY 327. Formerly SOCY 327.*
0101 **(49507)** Baxter, S.
MWF 11:00am-11:50am (ASY 3203)
0201 **(49508)** STAFF
MWF 1:00pm-1:50pm (ASY 1213)

SOCY230 Sociological Social Psychology; (3) REG/P-F/AUD.
0101 **(49518)** STAFF
TuTh 12:30pm-1:45pm (ASY 3203)

SOCY241 Inequality in American Society; (3) REG/P-F/AUD. DIVERSITY
0101 **(49528)** STAFF
MWF 12:00pm-12:50pm (ASY 3207)

SOCY305 Scarcity and Modern Society; (3) REG/P-F/AUD.
Prerequisite: 3 credits of sociology.
0101 **(49538)** Finsterbusch, K.
TuTh 12:30pm-1:45pm (ASY 1213)

SOCY325 The Sociology of Gender; (3) REG/P-F/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as WMST 325. Credit will be granted for only one of the following: SOCY 325 or WMST 325.*
0101 **(49548)** Hunt, J.
TuTh 9:30am-10:45am (ASY 3203)
0201 **(49549)** STAFF
MWF 10:00am-10:50am (ASY 1213)
0301 **(49550)** Forsythe, A.
MWF 12:00pm-12:50pm (ASY 1213)
0401 **(49551)** STAFF
MWF 1:00pm-1:50pm (COL 3110)

SOCY380 Honors Independent Reading in Sociology; (3) REG/P-F/AUD. *Prerequisite: permission of department. Formerly SOCY 378.*
0101 **(49561)** Falk, W.
W 2:00pm-4:40pm (KEY 0120)

SOCY381 *(PermReq)* **Honors Independent Research in Sociology; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 380. Formerly SOCY 388.*

SOCY383 *(PermReq)* **Honors Thesis Research; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: SOCY 381. Formerly SOCY 389.*

SOCY386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.* To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergraduate Program.

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(49601)** Neustadtl, A.
Tu 3:30pm-5:00pm (ASY 3221)

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit.

SOCY410 Social Demography; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49639)** STAFF
MW 2:00pm-3:15pm (ASY 3203)

SOCY412 Family Demography; (3) REG/P-F/AUD. *Prerequisite: SOCY 410. Formerly SOCY 312.*
0101 **(49649)** Kahn, J.
TuTh 2:00pm-3:15pm (ASY 3221)

SOCY425 Gender Roles and Social Institutions; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49659)** Forsythe, A.
MWF 10:00am-10:50am (ASY 3207)

SOCY427 Deviant Behavior; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49669)** Brown, R.
TuTh 2:00pm-3:15pm (ASY 1213)

SOCY431 Principles of Organizations; (3) REG/P-F/AUD.
Prerequisite: 6 credits of sociology or permission of department.
0101 **(49679)** Finsterbusch, K.
TuTh 9:30am-10:45am (TYD 1101)

SOCY432 Social Movements; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49689)** Vanneman, R.
TuTh 11:00am-12:15pm (ASY 3207)

SOCY441 Social Stratification and Inequality; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department. Junior standing.*
0101 **(49699)** Landry, L.
MWF 2:00pm-2:50pm (ASY 3207)
0201 **(49700)** Pease, J.
TuTh 9:30am-10:45am (ASY 3207)
0301 **(49701)** Vanneman, R.
TuTh 2:00pm-3:15pm (ASY 3207)

SOCY447 Small Group Analysis; (3) REG/P-F/AUD. *Prerequisite: SOCY 201 or equivalent or permission of department.*
0101 **(49711)** Meeker, B.
TuTh 9:30am-10:45am (ASY 3221)

SOCY450 Measurement of Time, Work, and Leisure; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49721)** Robinson, J.
Tu 3:30pm-6:10pm (ASY 3207)

SOCY464 Military Sociology; (3) REG/P-F/AUD. *Prerequisite: 6 credits of sociology or permission of department.*
0101 **(49731)** Segal, M.
TuTh 11:00am-12:15pm (ASY 3221)

SOCY498C Selected Topics in Sociology: Asian American Experience; (3) REG/P-F/AUD. DIVERSITY
0101 **(49742)** Desai, S.
TuTh 9:30am-10:45am (TYD 0111)

SOCY601 Multivariate Statistics; (3) REG/AUD. *Prerequisite:*

SOCY 401 or equivalent.
0101 **(49751)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SOCY604 Survey Research Methods; (3) REG/AUD. *Prerequisite: SOCY 602 or equivalent or permission of department.*
0101 **(49761)** Robinson, J.
M 3:30pm-6:10pm (ASY 3217)

SOCY620 Development of European and American Sociological Theory; (3) REG/AUD. *Prerequisite: SOCY 203 or permission of instructor.*
0101 **(49771)** Falk, W.
Th 3:30pm-6:10pm (ASY 2115)

SOCY630 Population and Society; (3) REG/AUD.
0101 **(49781)** Desai, S.
M 3:30pm-6:10pm (ASY 2115)

SOCY660 Theories of Social Psychology; (3) REG/AUD. *Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent.*
0101 **(49791)** Milkie, M.
W 6:30pm-9:10pm (ASY 3217)

SOCY699 Special Social Problems; (1-16) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors: SAS; (1) REG/AUD.
0101 **(49829)** Neustadtl, A.
Tu 3:30pm-5:00pm (ASY 3221)

SOCY699D Special Social Problems: Capitalism, Democracy, and Globalization; (3) REG/AUD.
0101 **(49839)** Brown, R.
W 6:30pm-9:10pm (ASY 2115)

SOCY699P Special Social Problems: Population and Social Policy; (3) REG/AUD.
0101 **(49849)** Presser, H.
W 3:30pm-6:10pm (ASY 2115)

SOCY699Q Special Social Problems: Qualitative Methods; (3) REG/AUD.
0101 **(49859)** Dance, L.
Th 6:30pm-9:10pm (ASY 3217)

SOCY699R Special Social Problems: Race, Gender and Class; (3) REG/AUD.
0101 **(49869)** Landry, L.
M 6:30pm-9:10pm (ASY 2115)

SOCY699U Special Social Problems: Sociology Teaching Assistants Seminar; (1) REG/AUD.
0101 **(49879)** Zamani-Moghadam, L.
M 12:00pm-12:50pm (ASY 2115)

SOCY729 Advanced Special Topics in Substantive Theory: Postmodern Social Theory; (3) REG/AUD.
0101 **(49889)** Ritzer, G.
Tu 3:30pm-6:10pm (ASY 2115)

SOCY799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SOCY819 Research Seminar in Social Psychology; (1) REG/AUD.
0101 **(49928)** Milkie, M.
Time and room to be arranged

SOCY829 Research Seminar in Sociological Theory; (1) REG/AUD.
0101 **(49938)** Brown, R.
Time and room to be arranged

SOCY839 Research Seminar in Organizations and Occupations; (1) REG/AUD.
0101 **(49948)** Finsterbusch, K.
Time and room to be arranged

SOCY849 Research Seminar in Demography; (1) REG/AUD.
0101 **(49958)** Presser, H.
Time and room to be arranged

SOCY858 Research Seminar in Sex Roles; (1) REG/AUD.
0101 **(49968)** Bianchi, S.
Time and room to be arranged

SOCY869 Research Seminar in Military Sociology; (1) REG/AUD.
0101 **(49978)** Kestnbaum, M.
Time and room to be arranged

SOCY889 Research Seminar in Social Stratification; (1) REG/AUD.
0101 **(49988)** Landry, L.
Time and room to be arranged

SOCY899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN Spanish
(Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 201 will be scheduled after classes start.

SPAN101 Elementary Spanish I; (4) REG/P-F/AUD. *Prerequisite: No previous Spanish: high school level 1 Spanish with grade of A or B; high school level 2 Spanish with a grade of C or below. Not open to native/fluent speakers of Spanish.* Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202.
0101 **(50076)** STAFF
MTuWF 8:00am-8:50am (JMZ 2207)
0201 **(50077)** STAFF
MTuWF 9:00am-9:50am (JMZ 0208)
0301 **(50078)** STAFF
MWF 10:00am-10:50am (ARC 1105)
Tu 10:00am-10:50am (JMZ 0208)
0401 **(50079)** STAFF
MTuWF 11:00am-11:50am (JMZ 0208)
0501 **(50080)** STAFF
MTuWF 12:00pm-12:50pm (JMZ 0208)
0601 **(50081)** STAFF
MTuWF 1:00pm-1:50pm (JMZ 0208)
0701 **(50082)** STAFF
MTuWF 2:00pm-2:50pm (JMZ 0208)

SPAN102 Elementary Spanish II; (4) REG/P-F/AUD. *Prerequisite: SPAN 101 at UMCP or equivalent. Not open to native/fluent speakers of Spanish.* Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(50092)** STAFF
MWF 10:00am-10:50am (HJP 2242)
Th 10:00am-10:50am (JMZ 0208)
0201 **(50093)** STAFF
MWF 11:00am-11:50am (JMZ 0103)
Th 11:00am-11:50am (JMZ 0208)
0301 **(50094)** STAFF
MWF 12:00pm-12:50pm (JMZ 0103)
Th 12:00pm-12:50pm (JMZ 0208)
0401 **(50095)** STAFF
MWF 1:00pm-1:50pm (JMZ 0103)
Th 1:00pm-1:50pm (JMZ 0208)

SPAN103 Review of Elementary Spanish; (4) REG/P-F/AUD. *Not open to students who have completed higher level Spanish language classes.* Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202.
0101 **(50105)** STAFF
MWF 9:00am-9:50am (JMZ 2207)
Tu 9:00am-9:50am (JMZ 2207)
0201 **(50106)** STAFF
MWF 10:00am-10:50am (JMZ 0118)
Tu 10:00am-10:50am (JMZ 2207)
0301 **(50107)** STAFF
MWF 11:00am-11:50am (JMZ 2207)
Tu 11:00am-11:50am (JMZ 2207).
0401 **(50108)** STAFF
MWF 12:00pm-12:50pm (JMZ 0118)
Tu 12:00pm-12:50pm (JMZ 2207)
0501 **(50109)** STAFF
MWF 1:00pm-1:50pm (JMZ 2207)
Tu 1:00pm-1:50pm (JMZ 2207)

SPAN201 Intermediate Spanish; (4) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 102 or SPAN 103 at UMCP or high school level 3 Spanish with a grade of A or B or high school level 4 Spanish with a C or below. Not open to native/fluent speakers of Spanish. Formerly SPAN 203.*
0101 **(50119)** STAFF
MWThF 8:00am-8:50am (JMZ 0103)
0201 **(50120)** STAFF
MWThF 9:00am-9:50am (JMZ 0103)
0301 **(50121)** STAFF
MWF 10:00am-10:50am (JMZ 0103)
Th 10:00am-10:50am (JMZ 2207)
0401 **(50122)** STAFF
MWF 11:00am-11:50am (HBK 0105)
Th 11:00am-11:50am (PLS 1113)
0501 **(50123)** STAFF
MWF 11:00am-11:50am (HBK 1108)
Th 11:00am-11:50am (JMZ 0118)
0601 **(50124)** STAFF
MWThF 12:00pm-12:50pm (JMZ 2207)
0701 **(50125)** STAFF
MWF 1:00pm-1:50pm (JMZ 0118)
Th 1:00pm-1:50pm (JMZ 2207)
0801 **(50126)** STAFF
MWF 1:00pm-1:50pm (JMZ 1226)
Th 1:00pm-1:50pm (JMZ 0103)
0901 **(50127)** STAFF
MWThF 2:00pm-2:50pm (JMZ 2207)
1001 **(50128)** STAFF
MWThF 3:00pm-3:50pm (JMZ 2207)

SPAN202 Intermediate Grammar and Composition; (3) REG/P-F/AUD. CORE: HO *Prerequisite: SPAN 201 or high school level 4 or 5 with a grade of A or B or permission of department. Corequisite: SPAN 207 and/or SPAN 211. Not open to native/fluent speakers of Spanish. Formerly SPAN 204.*
0101 **(50138)** STAFF
MWF 10:00am-10:50am (JMZ 0208)
0201 **(50139)** STAFF
MWF 11:00am-11:50am (JMZ 1215)
0301 **(50140)** STAFF
MWF 12:00pm-12:50pm (JMZ 1215)
0401 **(50141)** STAFF
MWF 1:00pm-1:50pm (JMZ 1215)
0501 **(50142)** STAFF
MWF 2:00pm-2:50pm (JMZ 1215)

SPAN206 Review of Oral and Written Spanish for Native Speakers Educated in the United States; (3) REG/P-F/AUD. *Prerequisite: native or near native knowledge of oral Spanish and no formal education in Spanish.* Offered fall only.
0101 **(50152)** STAFF
MWF 10:00am-10:50am (JMZ 2123)
0201 **(50153)** STAFF
MWF 11:00am-11:50am (JMZ 0118)

SPAN207 Reading and Writing in Spanish; (3) REG/P-F/AUD. *Prerequisites: SPAN 201. Pre- or corequisite: SPAN 202, or permission of department.*
0101 **(50163)** Little, K.
MWF 10:00am-10:50am (JMZ 2206)
0201 **(50164)** Little, K.
MWF 11:00am-11:50am (JMZ 2206)

SPAN211 Intermediate Conversation; (3) REG/P-F/AUD. *Prerequisite: SPAN 201 or permission of department. Not open to native/fluent speakers of Spanish. Formerly SPAN 205.*
0101 **(50174)** STAFF
MWF 9:00am-9:50am (JMZ 1104)
0201 **(50175)** STAFF
MWF 10:00am-10:50am (JMZ 3118)
0301 **(50176)** STAFF
MWF 11:00am-11:50am (JMZ 3118)
0401 **(50177)** STAFF
MWF 12:00pm-12:50pm (JMZ 2123)

SPAN221 Introduction to Literature; (3) REG/P-F/AUD. CORE: HL *Prerequisite: Spanish high school level 5 or above or SPAN 202 or permission of department.* May be taken with SPAN 204 and/or 205.
0101 **(50187)** Merediz, E.
TuTh 2:00pm-3:15pm (JMZ 1122)
0201 **(50188)** Sanchez De Pinillos, H.
MWF 1:00pm-1:50pm (JMZ 1124)

SPAN223 United States Latino Culture; (3) REG/P-F/AUD. CORE: HO DIVERSITY *45 semester hours.*
0101 **(50198)** Rodriguez, A.
MWF 3:00pm-3:50pm (PLS 1113)

SPAN228A Latin American Literatures and Societies: An Interdisciplinary Approach to the Amazon Ecosystem; (3) REG/P-F/AUD. CORE: HL DIVERSITY
0101 **(50208)** Igel, R.
MWF 2:00pm-2:50pm (JMZ 3203)

SPAN234 Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 234 and LASC 234. Credit will be granted for only one of the following: SPAN 234 or PORT 234 or LASC 234.*
0101 **(50218)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-12:00pm (JMZ 3205) Dis
0102 **(50219)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 12:00pm-1:00pm (JMZ 0103) Dis

SPAN234H Issues in Latin American Studies I; (3) REG/P-F/AUD. CORE: HO DIVERSITY *Also offered as PORT 234 and LASC 234. Credit will be granted for only one of the following: SPAN 234 or PORT 234 or LASC 234.* For general honors students only.
0101 **(50229)** Williams, D.
TuTh 10:00am-11:00am (SYM 0200)
Th 11:00am-11:50am (JMZ 3205) Dis

SPAN301 Advanced Grammar and Composition I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202. Recommended: SPAN 207.*
0101 **(50239)** STAFF
MWF 9:00am-9:50am (JMZ 0118)
0201 **(50240)** STAFF
MWF 10:00am-10:50am (HBK 1108)
0301 **(50241)** STAFF
MWF 1:00pm-1:50pm (JMZ 1224)
0401 **(50242)** STAFF
MWF 2:00pm-2:50pm (JMZ 0103)
0501 **(50243)** STAFF
MW 7:30pm-8:45pm (JMZ 2206)

SPAN302 Advanced Grammar and Composition II; (3) REG/P-F/AUD. *Prerequisite: SPAN 301.*
0101 **(50253)** STAFF
MWF 12:00pm-12:50pm (JMZ 1104)
0201 **(50254)** STAFF
MWF 11:00am-11:50am (TWS 2212)

SPAN311 Advanced Conversation I; (3) REG/P-F/AUD. *Prerequisite: SPAN 202 or SPAN 211 or permission of department. Not open to native/fluent speakers of Spanish.* Course chair: staff.
0101 **(50264)** STAFF
MWF 10:00am-10:50am (HBK 1116)
0201 **(50265)** STAFF
MWF 11:00am-11:50am (ARM 0108)
0301 **(50266)** STAFF
MWF 12:00pm-12:50pm (JMZ 1120)
0401 **(50267)** STAFF
MWF 1:00pm-1:50pm (JMZ 1211)
0501 **(50268)** STAFF
TuTh 7:30pm-8:45pm (JMZ 1120)

SPAN315 Commercial Spanish I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(50289)** STAFF
TuTh 9:30am-10:45am (JMZ 0118)
0201 **(50290)** Lavine, R.
TuTh 11:00am-12:15pm (CSS 1410)
0301 **(50291)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1224)
0401 **(50292)** STAFF
TuTh 2:00pm-3:15pm (JMZ 0118)

SPAN316 *(PermReq)* **Practicum in Translation I; (3)** REG/P-F/AUD. *Prerequisite: SPAN 301 and permission of department.* Offered fall only.
0101 **(50302)** STAFF
TuTh 9:30am-10:45am (JMZ 0202)
0201 **(50303)** STAFF
TuTh 11:00am-12:15pm (JMZ 1215)
0301 **(50304)** STAFF
TuTh 12:30pm-1:45pm (JMZ 1215)
0401 **(50305)** STAFF
TuTh 2:00pm-3:15pm (JMZ 1215)

SPAN321 Survey of Spanish Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(50315)** Benito-Vessels, C.
MWF 10:00am-10:50am (JMZ 2207)

SPAN323 Survey of Latin-American Literature I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(50325)** Merediz, E.
TuTh 11:00am-12:15pm (JMZ 0120)
0201 **(50326)** Rodriguez, A.
MWF 11:00am-11:50am (HJP 2242)

SPAN325 Spanish Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(50336)** Naharro-Calderon, J.
TuTh 2:00pm-3:15pm (JMZ 1117)

SPAN346 Latin American Civilization I; (3) REG/P-F/AUD. *Prerequisite: SPAN 301 or permission of department.* Offered fall only.
0101 **(50346)** Aguilar-Mora, J.
MWF 3:00pm-3:50pm (JMZ 2206)
0201 **(50347)** Bouvier, V.
MWF 10:00am-10:50am (PLS 1115)

SPAN357 Literary Translation II; (3) REG/P-F/AUD. *Prerequisite: SPAN 317 or permission of department.*
0101 **(50357)** Cypess, S.
TuTh 12:30pm-1:45pm (JMZ 2206)

SPAN386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. *Prerequisite: permission of department. 56 semester hours.*
0101 **(50367)** Roman, C.
Time and room to be arranged

SPAN399 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course.

SPAN408 Great Themes of the Hispanic Literatures: Literatura Fantastica; (3) REG/P-F/AUD.
0101 **(50388)** Sosnowski, S.
TuTh 11:00am-12:15pm (JMZ 1120)

SPAN408A Great Themes of the Hispanic Literatures: Estados Unidos desde la perspectiva latinoamericana; (3) REG/P-F/AUD.
0101 **(50398)** Rodriguez, A.
MWF 1:00pm-1:50pm (JMZ 3203)

SPAN408B Great Themes of the Hispanic Literatures: From Revolution to Prostitution-Narrating Contemporary Cuba; (3) REG/P-F/AUD.
0101 **(50408)** Merediz, E.
TuTh 9:30am-10:45am (JMZ 3203)

SPAN430 Cervantes: Don Quijote; (3) REG/P-F/AUD. *Prerequisite: SPAN 321 or equivalent.*
0101 **(50418)** Sanchez De Pinillos, H.
MWF 2:00pm-2:50pm (JMZ 3205)

SPAN479 Honors Thesis; (3-6) REG/P-F/AUD.
0101 **(50439)** STAFF
Time and room to be arranged

SPAN495H Honors Reading; (3) REG/P-F/AUD. *Prerequisite: admittance to Spanish and Portuguese Honors or permission of department.*
0101 **(50449)** Sosnowski, S.
TuTh 11:00am-12:15pm (JMZ 1120)

SPAN605 *(PermReq)* **Teaching Spanish I; (1)** REG. *Prerequisite: permission of department. For Spanish teaching assistants only.*
0101 **(50459)** Lavine, R.
M 2:00pm-4:00pm (JMZ 1224)

SPAN610 The History of the Spanish Language; (3) REG/AUD.
0101 **(50469)** Benito-Vessels, C.
M 7:30pm-10:00pm (JMZ 1124)

SPAN698 Masterpieces of Hispanic Literatures: Obras maestras literatura indigena; (3) REG.
0101 **(50479)** Harrison, R.
W 4:30pm-7:00pm (JMZ 2123)

SPAN699 *(PermReq)* **Independent Study in Spanish; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

SPAN798 Open Seminar: Narrativa contemporanea latinoamericana; (3) REG/AUD.
0101 **(50499)** Aguilar-Mora, J.
F 4:30pm-7:00pm (JMZ 0122)

SPAN798A Open Seminar: Visions and Fictions in Contemporary Spain; (3) REG/AUD.
0101 **(50509)** Naharro-Calderon, J.
Th 4:30pm-7:00pm (JMZ 2123)

SPAN798B Open Seminar: Teatro; (3) REG/AUD.
0101 **(50519)** Cypess, S.
Tu 4:30pm-7:00pm (JMZ 0103)

SPAN798C Open Seminar: Cultures of Theory; (3) REG/AUD.
0101 **(50529)** Peres, P.
M 4:30pm-7:00pm (JMZ 2120)

SPAN799 *(PermReq)* **Master's Thesis Research; (1-6)** REG. Individual Instruction course: contact department or instructor to obtain section number.

SPAN899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

STAT Statistics and Probability
(Computer, Mathematical and Physical Sciences)

STAT100 Elementary Statistics and Probability; (3) REG/P-F/AUD. CORE: MS *Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or any MATH or STAT course with a prerequisite of MATH 141. Credit will be granted for only one of the following: MATH 111 or STAT 100.*
0101 **(50608)** Lee, T.
MWF 12:00pm-12:50pm (MTH 0411)
0102 **(50609)** STAFF
MWF 12:00pm-12:50pm (MTH 0104)
0201 **(50611)** Slud, E.
MWF 2:00pm-2:50pm (MTH 0411)
0202 **(50612)** Kagan, A.
MWF 2:00pm-2:50pm (MTH 0102)

STAT400 Applied Probability and Statistics I; (3) REG/P-F/AUD. *Prerequisite: MATH 141. Not acceptable toward graduate degrees in STAT, MAPL, or MATH. Credit will be granted for only one of the following: STAT 400 or ENEE 324.* Section 0501 is designed for engineering students and includes some additional topics in quality control or simulation beyond other STAT 400 material.
0101 **(50624)** Lee, T.
MWF 10:00am-10:50am (MTH 0101)
0201 **(50625)** Hunt, B.
MWF 12:00pm-12:50pm (MTH 1313)
0301 **(50626)** Freidlin, M.
TuTh 9:30am-10:45am (MTH B0421)
0401 **(50627)** Yang, G.
TuTh 11:00am-12:15pm (MTH 0106)
0501 **(50628)** STAFF
TuTh 12:30pm-1:45pm (MTH B0421)
0601 **(50629)** Qin, J.
TuTh 2:00pm-3:15pm (MTH 0101)
0701 **(50630)** Millson, J.
TuTh 3:30pm-4:45pm (MTH B0421)
0801 **(50631)** STAFF
MWF 1:00pm-1:50pm (MTH 0102)

STAT410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241. Also offered as SURV 410.*
0101 **(50641)** Slud, E.
MW 5:00pm-6:15pm (MTH 0307)

STAT440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Also offered as SURV 440.*
0101 **(50651)** Kedem, B.

MW 5:00pm-6:15pm (MTH 0304)

STAT464 Introduction to Biostatistics; (3) REG/P-F/AUD. *Prerequisite: one semester of calculus. 56 semester hours. Junior standing.*
0101 **(50661)** Kagan, A.
MWF 10:00am-10:50am (MTH 1311)

STAT498A Selected Topics in Statistics; (1-6) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT600 Probability Theory I; (3) REG/AUD. *Prerequisite: STAT 410.*
0101 **(50678)** Freidlin, M.
TuTh 2:00pm-3:15pm (MTH 2300)

STAT698A Selected Topics in Probability; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT700 Mathematical Statistics I; (3) REG/AUD. *Prerequisite: STAT 410 or equivalent.* Offered fall only.
0101 **(50696)** Yang, G.
TuTh 5:00pm-6:15pm (MTH 0303)

STAT730 Time Series Analysis; (3) REG/AUD. *Prerequisites: STAT 700 plus a graduate course in analysis, or permission of instructor. Recommended: STAT 701, STAT 650.*
0101 **(50706)** Kedem, B.
MWF 11:00am-11:50am (MTH 2300)

STAT740 Analysis of Variance; (3) REG/AUD. *Prerequisite: STAT 700 or STAT 420.*
0101 **(50716)** Smith, P.
MWF 10:00am-10:50am (MTH 0411)

STAT798A Selected Topics in Statistics; (1-4) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

STAT798B Selected Topics in Statistics: Inference in Large Samples; (1-4) REG/AUD.
0101 **(50735)** Qin, J.
TuTh 11:00am-12:15pm (MTH 2300)

STAT799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

STAT899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

SURV Survey Methodology
(Behavioral and Social Sciences)

SURV410 Introduction to Probability Theory; (3) REG/P-F/AUD. *Prerequisite: MATH 240; and MATH 241 or permission of department. Credit will be granted for only one of the following: SURV 410 or STAT 410.*
0101 **(50810)** Slud, E.
MW 5:00pm-6:15pm (MTH 0307)

SURV440 Sampling Theory; (3) REG/P-F/AUD. *Prerequisite: STAT 401 or STAT 420. Not open to students who have completed STAT 440.*
0101 **(50820)** Kedem, B.
MW 5:00pm-6:15pm (MTH 0304)

SURV601 Social Statistics I; (3) REG/AUD. *Prerequisite: SOCY 401 or permission of instructor. Not open to students who have completed SOCY 601.*
0101 **(50830)** Neustadtl, A.
Tu 6:30pm-9:10pm (ASY 2309)

SURV615 Statistical Methods I; (3) REG/AUD. *Prerequisite: two course sequence in probability and statistics or equivalent.*
0101 **(50840)** Miller, S.
W 6:30pm-9:10pm (LEF 1220)

SURV620 *(PermReq)* **Survey Practicum I; (3)** REG/AUD. *Prerequisite: degree seeking student in JPSM or permission of instructor.*
0101 **(50850)** Presser, S.
Th 3:30pm-6:10pm (LEF 1208)

SURV623 Data Collection Methods in Survey Research; (3) REG/AUD.
0101 **(50860)** Couper, M.
M 6:30pm-9:10pm (LEF 1208)

SURV630 Questionnaire Design; (3) REG/AUD.
0101 **(50870)** Mathiowetz, N.
W 4:30pm-7:10pm (TYD 1102)

SURV670 Introduction to the Federal Statistical System and the Survey Research Profession I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM.*
0101 **(50880)** Groves, R.
Th 6:30pm-7:20pm (LEF 1218)

SURV699M Special Topics in Survey Methodology: Fundamentals of Survey Methodology; (3) REG/AUD.
0101 **(50890)** STAFF
W 3:30pm-6:10pm (LEF 1208)

SURV701 Analysis of Complex Sample Data; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(50900)** Raghunathan, T.
Tu 5:30pm-8:15pm (LEF 1208)

SURV722 Randomized/Nonrandomized Design; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(50910)** Dayton, C.
W 6:30pm-9:10pm (TYD 2111)

SURV723 Total Survey Error; (3) REG/AUD. *Prerequisite: SURV 625.*
0101 **(50920)** Groves, R.
F 4:00pm-6:30pm (LEF 1208)

SURV770 Survey Design Seminar I; (1) REG/AUD. *Prerequisite: degree seeking student in JPSM. For SURV majors only.*
0101 **(50930)** Groves, R.
Th 4:30pm-6:00pm (LEF 1218)

THET Theatre
(Arts and Humanities)

THET110 Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA
0101 **(50980)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3112) Dis
0102 **(50981)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3109) Dis
0103 **(50982)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (TWS 0147) Dis
0104 **(50983)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
0105 **(50984)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 2:00pm-2:50pm (TWS 0147) Dis
0106 **(50985)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 3:00pm-3:50pm (TWS 0147) Dis
0107 **(50986)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3110) Dis
0108 **(50987)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (COL 3109) Dis
0109 **(50988)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 0138) Dis
0110 **(50989)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3111) Dis
0111 **(50990)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 12:00pm-12:50pm (ASY 3219) Dis
0201 **(50991)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 2:00pm-2:50pm (ASY 3211) Dis
0202 **(50992)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3110) Dis
0203 **(50993)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 3:00pm-3:50pm (COL 3111) Dis
0204 **(50994)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 1:00pm-1:50pm (ASY 3215) Dis
0205 **(50995)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (ASY 3215) Dis
0206 **(50996)** STAFF
MW 11:00am-11:50am (JMZ 0220)
W 12:00pm-12:50pm (COL 3109) Dis

THET110+ Introduction to the Theatre; (3) REG/P-F/AUD. CORE: HA Restricted to students in a First Year Focus Cluster or College Park Scholars - Arts.
0104 **(51006)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (TWS 0147) Dis
Restricted to students in a First Year Focus Cluster.

0109 **(51007)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 10:00am-10:50am (TWS 0138) Dis
Restricted to students in a First Year Focus Cluster.

0110 **(51008)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 11:00am-11:50am (COL 3111) Dis
Restricted to students in a First Year Focus Cluster.

0112 **(51009)** STAFF
MW 9:00am-9:50am (SKN 0200)
W 1:00pm-1:50pm (JMZ 3205) Dis
Restricted to College Park Scholars - Arts.

THET111 Making Theatre: Art and Scholarship; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.*
0101 **(51019)** STAFF
TuTh 9:30am-10:45am (COL 3109)
0102 **(51020)** STAFF
TuTh 11:00am-12:15pm (ARC 1123)

THET120 Acting I; (3) REG/P-F/AUD. *Prerequisite: THET 110 or permission of department.* Students must contact department before registration for appropriate section.
0101 **(51030)** STAFF
TuTh 11:00am-1:00pm (TWS 1228) Lab
0102 **(51031)** STAFF
TuTh 1:00pm-3:00pm (TWS 1228) Lab
0103 **(51032)** STAFF
TuTh 3:00pm-5:00pm (TWS 1228) Lab
0104 **(51033)** STAFF
MW 3:00pm-4:50pm (TWS 1228) Lab

THET170 Stagecraft; (3) REG/P-F/AUD.
0101 **(51043)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0138)
M 2:00pm-5:00pm (TWS 0138) Lab
0102 **(51044)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0138)
Tu 2:00pm-5:00pm (TWS 0138) Lab
0103 **(51045)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0138)
W 2:00pm-5:00pm (TWS 0138) Lab
0104 **(51046)** Kriebs, D.
TuTh 11:00am-11:50am (TWS 0138)
Th 2:00pm-5:00pm (TWS 0138) Lab

THET221 *(PermReq)* **Speech For the Stage; (3)** REG/P-F/AUD. *Prerequisites: THET 120 and by audition and permission of department.*
0101 **(51056)** Cabot, A.
MW 1:00pm-2:50pm (TWS 1228)

THET240 African-Americans in Film and Theatre; (3) REG/P-F/AUD. CORE: HA DIVERSITY
0101 **(51066)** Coustaut, C.
MW 10:00am-11:50am (TWS 0147)

THET290 American Theatre 1750 to 1890; (3) REG. CORE: HA *Formerly THET 310.*
0101 **(51076)** STAFF
MW 11:00am-11:50am (ASY 1213)
W 12:00pm-12:50pm (TWS 2228) Lab
0102 **(51077)** STAFF
MW 11:00am-11:50am (ASY 1213)
W 1:00pm-1:50pm (TWS 2228) Lab
0104 **(51078)** STAFF
MW 11:00am-11:50am (ASY 1213)
F 11:00am-11:50am (ARC 1123) Lab

THET294 Black Theatre and Performance II; (3) REG. CORE: HA DIVERSITY *Prerequisite: THET 293. Sophomore standing.*
0101 **(51088)** Reese, S.
TuTh 9:00am-10:50am (TWS 0131)

THET320 *(PermReq)* **Acting II; (3)** REG/P-F/AUD. *Prerequisites: THET 111; and THET 120; and by audition and permission of department.*
0101 **(51098)** Hebert, M.
TuTh 10:00am-11:50am (TWS 0241)

THET330 *(PermReq)* **Play Directing I; (3)** REG/P-F/AUD. *Prerequisites: THET 111 and THET 120 and THET 170 and permission of department.*
0101 **(51108)** Reese, S.
MW 10:00am-11:50am (TWS 0241)

THET341 *(PermReq)* **Screenwriting I; (3)** REG/P-F/AUD. *Prerequisite: junior English. Not open to students who have completed THET 417 or RTVF 417.*
0101 **(51118)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET375 Scenic Design I; (3) REG. *Prerequisite: THET 273 or permission of department.*
0101 **(51128)** Conway, D.
MW 10:00am-11:50am (TWS 1208)

THET386 *(PermReq)* **Experiential Learning; (3-6)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. 56 semester hours.*

THET420 *(PermReq)* **Acting III; (3)** REG/P-F/AUD. *Prerequisites: THET 221 and THET 320 and by audition and permission of department.*
0101 **(51152)** Cabot, A.
TuTh 1:00pm-3:00pm (TWS 0241)

THET425 *(PermReq)* **Acting IV, Advanced Scene Study; (3)** REG/P-F/AUD. *Prerequisites: THET 420, and by audition, and permission of department.*
0101 **(51162)** Hebert, M.
MW 10:00am-12:00pm (TWS 1228)

THET429 *(PermReq)* **Actor's Studio; (1-3)** S-F. Individual Instruction course: contact department or instructor to obtain section number.

THET451 *(PermReq)* **Musical Comedy Workshop; (3)** REG/P-F/AUD. *Prerequisites: audition and permission of department.*
0101 **(51179)** Reese, S.
F 10:00am-1:00pm (TWS 0138)

THET460 *(PermReq)* **Theatre Management I; (3)** REG. *Prerequisites: THET 111 or permission of department.*
0101 **(51189)** Patterson, W.
TuTh 9:30am-10:45am (TWS 0147)

THET474 *(PermReq)* **Stage Management; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(51199)** Kriebs, D.
TuTh 9:00am-10:50am (TWS 1208)

THET475 *(PermReq)* **Period Style for the Theatre: Fashion and Decor; (3)** REG/P-F/AUD. *Prerequisites: THET 170 and permission of department.*
0101 **(51209)** Conway, D.
MW 2:00pm-3:50pm (TWS 0135)

THET476 *(PermReq)* **Lighting Design I; (3)** REG/P-F/AUD. *Prerequisite: THET 273 or permission of department.*
0101 **(51219)** Wagner, D.
TuTh 1:00pm-2:50pm (TWS 1208)

THET479 *(PermReq)* **Theater Workshop; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET484 *(PermReq)* **Rendering for the Theatre; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(51235)** Huang, H.
MW 1:00pm-4:00pm (TWS 1208)

THET486 *(PermReq)* **Stage Costume Construction I; (3)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(51245)** STAFF
MW 9:00am-11:50am (TWS 1218) Lab

THET490 *(PermReq)* **History of the Theatre: Classical Antiquity to Mid-Seventeenth Century; (3)** REG/P-F/AUD. *Prerequisites: THET 110 and THET 111 or permission of department.*
0101 **(51255)** Schuler, C.
TuTh 11:00am-1:00pm (TWS 0147)

THET499 *(PermReq)* **Independent Study; (1-3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET499W *(PermReq)* **Independent Study: Professional Practices; (3)** REG/P-F/AUD.
0101 **(51280)** Wagner, D.
TBA (TWS 1208)

THET600 Introduction to Graduate Study in Theatre; (3) REG/AUD.
0101 **(51312)** Gillespie, P.
M 4:00pm-6:30pm (TWS 0154)

THET606 Teaching Theatre; (1) REG/AUD.
0101 **(51322)** Gillespie, P.
Tu 3:00pm-4:00pm (TWS 0147)

THET669 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET669Q *(PermReq)* **Independent Study: Screen Writing for TV and Film I; (3)** REG/AUD.
0101 **(51347)** Coustaut, C.
MW 1:00pm-2:50pm (TWS 0131)

THET679 Professional Costume Design; (3) REG/AUD.
0101 **(51357)** Huang, H.
Time and room to be arranged

THET686 History of Modern Theory; (3) REG/AUD. *Recommended: THET 600. Formerly THET 689.*
0101 **(51367)** Schuler, C.
W 4:00pm-6:30pm (TWS 0154)

THET700 Introduction to Doctoral Studies in Theatre; (3) REG/AUD. *Prerequisite: admission to the Ph.D. program in theatre. Formerly PCOM 700.*
0101 **(51377)** Gillespie, P.
M 4:00pm-6:30pm (TWS 0154)

THET712 Historical Research Methods and Historiography in Theatre; (3) REG/AUD. *Prerequisite: THET 700. Formerly PCOM 712.*
0101 **(51387)** Gillespie, P.
Tu 4:00pm-6:30pm (TWS 2228)

THET788 Master's Tutorial; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET789 *(PermReq)* **Master's Practicum; (1-6)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

THET799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

THET888 *(PermReq)* **Doctoral Practicum in Theatre; (3-9)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET889 *(PermReq)* **Doctoral Tutorial in Theatre; (3-8)** REG. Individual Instruction course: contact department or instructor to obtain section number.

THET899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

TOXI Toxicology
(Life Sciences)

TOXI609 *(PermReq)* **Methods in Toxicology; (1-3)** REG/AUD.
0101 **(51506)** Nelson, J.
Time and room to be arranged

TOXI641 Environmental Toxicology; (3) REG/AUD. *Prerequisite: CHEM 243. Also offered as MEES 641. Credit will be granted for only one of the following: TOXI 641 or MEES 641.*
0101 **(51516)** Nelson, J.
TuTh 9:30am-10:45am (PLS 1172)

TOXI799 *(PermReq)* **Masters Thesis Research; (1-6)** REG/S-F.
0101 **(51526)** STAFF
Time and room to be arranged

TOXI899 *(PermReq)* **Doctoral Dissertation Research; (1-8)** REG/S-F.
0101 **(51536)** STAFF
Time and room to be arranged

UMEI Maryland English Institute
(Arts and Humanities)

UMEI001 *(PermReq)* **English as a Foreign Language: Beginning; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(51586)** Dudley, S.
MTuWThF 9:00am-10:00am (COL 3114)
MWF 10:00am-12:00pm (TLF 2110)
TuTh 10:00am-12:00pm (Arranged)
0201 **(51587)** Lipowitz, H.
MWF 1:00pm-3:00pm (JMZ 1109)
TuTh 1:00pm-3:00pm (JMZ 3118)

UMEI002 *(PermReq)* **English as a Foreign Language: Intermediate I; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(51597)** Poirier, M.
MWF 9:00am-11:00am (TLF 1104)
TuTh 9:00am-11:00am (TLF 1104)
MTuWThF 11:00am-12:00pm (TLF 1104)
MWF 2:00pm-3:00pm (ARM 0108)
TuTh 2:00pm-3:00pm (ARM 0108)
0201 **(51598)** Butler, M.
MWF 9:00am-11:00am (EGL 1202)
TuTh 9:00am-11:00am (MTH 2300)
MWF 11:00am-12:00pm (EGR 1110)
TuTh 11:00am-12:00pm (HBK 1116)
MTuWThF 2:00pm-4:00pm (TWS 2228)

UMEI003 *(PermReq)* **English as a Foreign Language: Intermediate II; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(51608)** Cavanaugh, A.
MWF 10:00am-12:00pm (EGR 3111)
MW 1:00pm-3:00pm (ARM 0118)
TuTh 1:00pm-3:00pm (ARM 0103)
F 1:00pm-3:00pm (ARM 0118)
TuTh 10:00am-12:00pm (EGR 1110)
0201 **(51609)** Kameras, B.
MWF 10:00am-12:00pm (COL 3114)
MWF 1:00pm-3:00pm (COL 3114)
TuTh 10:00am-12:00pm (ARC 1121)

TuTh 1:00pm-3:00pm (COL 3114)
F 1:00pm-3:00pm (KEY 0103)

UMEI004 *(PermReq)* **English as a Foreign Language: Intermediate III; (12)** S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information.
0101 **(51619)** Butler, M.
MF 9:00am-11:00am (COL 3112)
MWF 1:00pm-3:00pm (COL 3111)
TuTh 9:00am-11:00am (JMZ 1103)
0201 **(51620)** Lipowitz, H.
MWF 9:00am-11:00am (JMP 1109)
TuTh 9:00am-11:00am (JMZ 3118)
MWF 1:00pm-3:00pm (DNC 1147A)
TuTh 1:00pm-3:00pm (COL 3109)
0301 **(51621)** Liakos, N.
MWF 9:00am-11:00am (COL 3111)
TuTh 9:00am-11:00am (JMZ 2102)
MWF 1:00pm-3:00pm (COL 3112)
TuTh 1:00pm-3:00pm (JMZ 3203)
0401 **(51622)** Gray, H.
MWF 9:00am-10:00am (JMZ 3120)
MTuWThF 10:00am-12:00pm (Arranged)
MWF 1:00pm-3:00pm (COL 3109)
TuTh 1:00pm-3:00pm (Arranged)

UMEI005 Advanced English as a Foreign Language; (6) S-F. See Director, UMEI, 2140 Taliaferro. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. Section 0301 is restricted to graduate students.
0501 **(51633)** Kamibeppu, M.
MWF 9:00am-11:00am (HBK 0125)
TuTh 9:00am-11:00am (ARM 0108)

UMEI005O Advanced English as a Foreign Language; (6) S-F. On-line class with initial two-hour meeting TBA. Students must have basic computer and World Wide Web literacy as well as WAM or other ISP account. Students must contact the instructor at hg34@umail.umd.edu to arrange the initial meeting.
0101 **(51635)** Gray, H.
Time and room to be arranged

UMEI006 English Pronunciation; (2) S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes for information.
0101 **(51644)** Anderson, J.
MW 3:00pm-4:30pm (SQH 1107)
0301 **(51646)** Butler, M.
TuTh 1:00pm-2:30pm (TLF 2110)

UMEI007 Advanced Writing for International Students; (3) S-F. *Open to graduate students only. Special fee.*
0101 **(51656)** Kameras, B.
TuTh 12:00pm-2:00pm (TWS 0138)

UMEI007O Advanced Writing for International Students; (3) S-F. *Open to graduate students only. Special fee.* On-line class with initial two-hour meeting TBA. Students must have basic computer and World Wide Web literacy as well as WAM or other ISP account. Students must contact the instructor at ac81@umail.umd.edu to arrange the initial meeting.
0101 **(51659)** Cavanaugh, A.
Time and room to be arranged

UMEI008A Advanced Oral Communication Skills; (2) S-F.
0101 **(51668)** Gray, H.
TuTh 1:00pm-3:00pm (TLF 2110)
0201 **(51669)** Dudley, S.
MW 3:00pm-5:00pm (TLF 2110)

UNIV World Courses
(Undergraduate Studies)

UNIV101 The Student in the University and Introduction to Computer Resources; (2) REG/P-F/AUD.
0001 **(51719)** Hahn, T.
M 1:00pm-3:00pm (PLS 1164)
Section 0001 is restricted to Letters and Sciences students.

0002 **(51720)** Infantino, R.
Tu 10:00am-12:00pm (PLS 1184)
Section 0002 is restricted to Life Sciences majors.

0003 **(51721)** Adams-Gaston, J.
W 2:00pm-4:00pm (PLS 1158)
Section 0003 is restricted to Letters and Sciences students.

0004 **(51722)** Strumpf, G.
Th 10:00am-12:00pm (EGR 3102)
Section 0004 is restricted to Life Sciences majors.

UNIV118A World Course: The Creative Drive: Creativity in Music, Architecture, and Science; (3) REG/P-F/AUD. CORE: HA
0101 **(51732)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 9:30am-10:45am (PLS 1117) Dis
0102 **(51733)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 11:00am-12:15pm (PLS 1162) Dis
0103 **(51734)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 12:30pm-1:45pm (PLS 1164) Dis
0104 **(51735)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
Th 2:00pm-3:15pm (CHM 0124) Dis
0105 **(51736)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
F 10:00am-11:15am (ARC 1101) Dis
0106 **(51737)** Gulick, D.
MW 10:00am-10:50am (EGR 1202)
F 11:30am-12:45pm (ARC 1101) Dis

URSP Urban Studies and Planning
(Architecture)

URSP100 Challenge of the Cities; (3) REG/P-F/AUD. CORE: SB *Formerly URBS 100.*
0101 **(51788)** Levin, M.
TuTh 12:30pm-1:45pm (TYD 2111)
0201 **(51789)** Hanna, W.
TuTh 11:00am-12:15pm (COL 3109)

URSP372 Diversity and the City; (3) REG/P-F/AUD. DIVERSITY
0101 **(51809)** Cohen, J.
TuTh 1:00pm-2:30pm (ARC 1121)

URSP3991 *(PermReq)* **Independent Study; (3)** REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP410 *(PermReq)* **The Development of the American City; (3)** REG/P-F/AUD. *Prerequisite: permission of department. Formerly URBS 410.*
0101 **(51828)** Levin, M.
TuTh 4:00pm-5:30pm (ARC 1121)

URSP600 Research Design and Application; (3) REG. *Formerly URSP 602.*
0101 **(51878)** Chen, A.
Th 7:00pm-9:30pm (LEF 1221)

URSP603 Land Use Planning: Concepts and Techniques; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 603, URBS 680 or URBS 603. Formerly URBS 603.*
0101 **(51888)** Levin, M.
W 4:00pm-6:30pm (LEF 1220)

URSP605 Planning History and Theory; (3) REG/AUD.
0101 **(51898)** Cohen, J.
Tu 4:00pm-6:30pm (ARC 1103)

URSP606 Urban Economics and Public Policy; (3) REG. *Not open to students who have completed URSP 630 or URBS 630. Credit will be granted for only one of the following: URSP 606, URBS 606, or URBS 630. Formerly URBS 606.*
0101 **(51908)** Ross, J.
Tu 7:00pm-9:30pm (ARC 1103)

URSP607 Human Behavior and the Physical Environments; (3) REG/AUD. *Recommended: URSP 603. Formerly URBS 607.*
0101 **(51918)** Brower, S.
W 4:00pm-6:30pm (LEF 2166)

URSP623 Housing Finance and Costs; (3) REG.
0101 **(51928)** Chen, A.
Th 4:00pm-6:30pm (ARC 1103)

URSP662 Urban and Regional Planning in Developing Countries; (3) REG/AUD. *Credit will be granted for only one of the following: URSP 662, URBS 460, or URBS 662. Formerly URBS 662.*
0101 **(51938)** Hanna, W.
M 7:00pm-9:45pm (ARC 1127)

URSP688E Recent Developments in Urban Studies: Environmental Resources; (3) REG/AUD. Also offered as LARC 450. There will be 4 all day Friday field trips. Dates and times to be announced. (Three required).
0101 **(51948)** Hilsenrath, E.
F 9:00am-11:50am (PLS 0104)

URSP688F Recent Developments in Urban Studies: Financial Analysis for Public and Private Development; (3) REG/AUD.
0101 **(51958)** Frank, A.
W 4:00pm-6:30pm (Arranged)

URSP691 Politics and Planning; (3) REG/AUD.
0101 **(51968)** Baum, H.
M 4:00pm-6:30pm (SQH 1101)

URSP704 *(PermReq)* **Community Planning Studio; (6)** REG/AUD. *Prerequisites: URSP 600, URSP 601, URSP 604, URSP 605, and permission of the Program. Formerly URBS 704.*
0101 **(51978)** Brower, S.
TuTh 9:00am-4:00pm (Arranged)

URSP710 Research Seminar: Urban Theory and Issues; (3) REG/AUD. *Prerequisite: 15 graduate credit hours in URSP. For URSP majors only. Formerly URBS 710.*
0101 **(51988)** Hanna, W.
Time and room to be arranged

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

URSP799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

VMED Veterinary Medicine
(Agriculture and Natural Resources)

VMED688A Special Topics in Veterinary Medical Sciences: Advances in Reverse Genetics of Animal Viruses; (1-4) REG.
0101 **(52068)** Samal, S.
Time and room to be arranged

VMED688B Special Topics in Veterinary Medical Sciences: Applied Epidemiology Methods; (1-4) REG.
0101 **(52078)** Hueston, W.
Time and room to be arranged

VMED688C Special Topics in Veterinary Medical Sciences: Topics in Pathology; (1) REG.
0101 **(52088)** Gasper, P.
Time and room to be arranged

VMED688D Special Topics in Veterinary Medical Sciences: Science, Politics and Animal Health Policy; (2) REG.
0101 **(52098)** Hueston, W.
Time and room to be arranged

VMED698 Seminar in Veterinary Medical Sciences; (1-3) REG. Course meets in rm 1216 of the Gudelsky Vet Center.
0101 **(52108)** Dyer, R.
W 3:00pm-4:00pm (Arranged)

VMED699 Special Problems in Veterinary Medical Sciences; (1-4) REG.
0101 **(52118)** Baya, A.
Time and room to be arranged
0102 **(52119)** Driscoll, C.
Time and room to be arranged
0103 **(52120)** Dutta, S.
Time and room to be arranged
0104 **(52121)** Dyer, R.
Time and room to be arranged
0105 **(52122)** Gasper, P.
Time and room to be arranged
0106 **(52123)** Heckert, R.
Time and room to be arranged
0107 **(52124)** Hueston, W.
Time and room to be arranged
0108 **(52125)** Johnson-Ifearulundu, Y.
Time and room to be arranged
0109 **(52126)** Loizeaux, P.
Time and room to be arranged
0110 **(52127)** Morales, R.
Time and room to be arranged
0111 **(52128)** Samal, S.
Time and room to be arranged
0112 **(52129)** Tablante, N.
Time and room to be arranged
0113 **(52130)** Vakharia, V.
Time and room to be arranged

VMED705 Genetics of Animal Viruses; (2) REG. *Prerequisite: MICB 460 or permission of instructor.* Meets in rm 1216 of the Gudelsky Vet Center.
0101 **(52140)** Samal, S.
Time and room to be arranged

WMST Women's Studies
(Arts and Humanities)

WMST200 Introduction to Women's Studies: Women and Society; (3) REG/P-F/AUD. CORE: SB DIVERSITY WMST 200 (or WMST 250) is a prerequisite for WMST 400. A third hour for discussion will be arranged for section 0101.
0101 **(52190)** Barkley Brown, E.
TuTh 11:00am-11:50am (WDS 0104)
Time and room to be arranged Dis
0201 **(52191)** STAFF
MWF 11:00am-11:50am (WDS 1114)

WMST211 Women in America Since 1880; (3) REG/P-F/AUD. CORE: SH DIVERSITY *Also offered as HIST 211. Credit will be granted for only one of the following: WMST 211 or HIST 211.*
0101 **(52201)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (KEY 0126) Dis
0102 **(52202)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 2:00pm-2:50pm (JMZ 1117) Dis
0103 **(52203)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
Th 1:00pm-1:50pm (JMZ 0120) Dis
0104 **(52204)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 1:00pm-1:50pm (TWS 2228) Dis
0105 **(52205)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 12:00pm-12:50pm (TWS 2228) Dis
0106 **(52206)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 1:00pm-1:50pm (TWS 2228) Dis
0107 **(52207)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
F 2:00pm-2:50pm (TYD 1128) Dis
0108 **(52208)** Muncy, R.
TuTh 12:00pm-12:50pm (KEY 0106)
M 11:00am-11:50am (WDS 0104) Dis

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3) REG/P-F/AUD. CORE: HA DIVERSITY WMST 250 (or WMST 200) is a prerequisite for WMST 400.
0101 **(52218)** King, K.
TuTh 11:00am-11:50am (MCB 1207)
Time and room to be arranged Dis
0201 **(52219)** STAFF
TuTh 12:30pm-1:45pm (WDS 1127)
0301 **(52220)** STAFF
TuTh 3:00pm-4:15pm (WDS 1127)
0401 **(52221)** STAFF
MWF 9:00am-9:50am (WDS 1130)
0501 **(52222)** STAFF
MWF 10:00am-10:50am (WDS 1130)
0601 **(52223)** STAFF
MWF 12:00pm-12:50pm (WDS 1114)
0701 **(52224)** STAFF
MWF 1:00pm-1:50pm (WDS 0104)

WMST255 Introduction to Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as ENGL 250. Credit will be granted for only one of the following: WMST 255 or ENGL 250.*
0101 **(52234)** STAFF
TuTh 9:30am-10:45am (KEY 0121)
0201 **(52235)** STAFF
TuTh 12:30pm-1:45pm (SQH 1117)
0301 **(52236)** STAFF
MWF 11:00am-11:50am (DNC 1139B)
0401 **(52237)** STAFF
TuTh 11:00am-12:15pm (ARM 0105)
0501 **(52238)** STAFF
TuTh 12:30pm-1:45pm (PLS 1119)
0601 **(52239)** STAFF
TuTh 2:00pm-3:15pm (CHM 0115)
0701 **(52240)** STAFF
MWF 10:00am-10:50am (PHY 4220)

WMST275 World Literature by Women; (3) REG/P-F/AUD. CORE: HL DIVERSITY *Also offered as CMLT 275. Credit will be granted for only one of the following: WMST 275 or CMLT 275.*
0101 **(52250)** STAFF
MW 9:30am-10:45am (ARC 1101)
0201 **(52251)** STAFF
MW 2:00pm-3:15pm (SQH 2121)
0301 **(52252)** STAFF
TuTh 11:00am-12:15pm (WDS 1127)
0401 **(52253)** STAFF
TuTh 3:30pm-4:45pm (WDS 1131)

WMST300 *(PermReq)* **Feminist Reconceptualizations of Knowledge; (3)** REG/P-F/AUD. *Prerequisite: permission of department. For WMST majors only.*
0101 **(52263)** Rosenfelt, D.
Tu 2:00pm-4:30pm (WDS 2101R)

WMST325 The Sociology of Gender; (3) REG/AUD. DIVERSITY *Prerequisite: 3 credits of sociology. Also offered as SOCY 325. Credit will be granted for only one of the following: WMST 325 or SOCY 325.*
0101 **(52273)** Hunt, J.
TuTh 9:30am-10:45am (ASY 3203)
0201 **(52274)** STAFF
MWF 10:00am-10:50am (ASY 1213)
0301 **(52275)** Forsythe, A.
MWF 12:00pm-12:50pm (ASY 1213)
0401 **(52276)** STAFF
MWF 1:00pm-1:50pm (COL 3110)

WMST326 Biology of Reproduction; (3) REG/P-F/AUD. *Prerequisite: BSCI 105 or permission of department. Also offered as BSCI 342. Credit will be granted for only one of the following: BSCI 342, WMST 326 or ZOOL 326.*
0101 **(52286)** Carter-Porges, C.
MW 2:00pm-3:15pm (BPS 1250)

WMST336 Psychology of Women; (3) REG/P-F/AUD. *Prerequisite: PSYC 100. Also offered as PSYC 336. Credit will be granted for only one of the following: WMST 336 or PSYC 336.*
0101 **(52296)** Helms, J.
TuTh 3:30pm-4:45pm (BPS 1250)

WMST348I Literary Works by Women: Immigrant Women's Experiences; (3) REG/P-F/AUD. DIVERSITY
0101 **(52306)** Ryan, L.
TuTh 9:30am-10:45am (SQH 1121)

WMST348K Literary Works by Women: Title Forthcoming; (3) REG/P-F/AUD. DIVERSITY
0101 **(52316)** Kauffman, L.
MW 2:00pm-3:15pm (HBK 0109)

WMST350 *(PermReq)* **Feminist Pedagogy; (6)** REG/P-F/AUD. *Prerequisite: permission of department.*
0101 **(52326)** King, K.
Time and room to be arranged

WMST360 Caribbean Women; (3) REG/P-F/AUD.
0101 **(52337)** Bolles, A.
M 2:00pm-4:30pm (WDS 1114)

WMST400 Theories of Feminism; (3) REG/P-F/AUD. *Prerequisite: one course in WMST or a course crosslisted with a WMST course.*
0101 **(52347)** Allahyari, R.
MW 2:00pm-3:15pm (WDS 1130)

WMST408 Literature by Women Before 1800: Women and Politics; (3) REG/P-F/AUD.
0101 **(52358)** Achinstein, S.
MWF 1:00pm-1:50pm (SQH 1105)

WMST466 Feminist Perspectives on Women in Art; (3) REG/P-F/AUD. *Also offered as ARTH 466. Credit will be granted for only one of the following: WMST 466 or ARTH 466.*
0101 **(52368)** Withers, J.
TuTh 11:00am-12:15pm (ASY 3211)

WMST471 Women's Health; (3) REG/AUD. DIVERSITY *Also offered as HLTH 471. Credit will be granted for only one of the following: WMST 471 or HLTH 471.*
0101 **(52378)** Desmond, S.
TuTh 12:30pm-1:45pm (HHP 1312)
0201 **(52379)** Thompson, E.
W 4:00pm-6:45pm (HHP 1302)

WMST488A Senior Seminar: Healing Women; (3) REG/P-F/AUD.
0101 **(52389)** Beck, E.
W 6:30pm-9:00pm (WDS 2101R)

WMST488B Senior Seminar: Lives of Immigrant Women; (3) REG/P-F/AUD.
0101 **(52399)** Kim, S.
Th 2:00pm-4:30pm (WDS 2101R)

WMST498A Advanced Special Topics in Women's Studies: Women's Movements in East Asia; (3) REG/P-F/AUD.
0101 **(52409)** Kim, S.
TuTh 11:00am-12:15pm (WDS 1130)

WMST498B Advanced Special Topics in Women's Studies: Black Women in United States History; (3) REG/P-F/AUD. Prerequisite: AASP 100 or AASP 202.
0101 **(52419)** Barkley Brown, E.
W 2:00pm-4:30pm (TYD 0101)

WMST498C Advanced Special Topics in Women's Studies: Mothers and Daughters; (3) REG/P-F/AUD.
0101 **(52429)** Beck, E.
M 6:30pm-9:00pm (WDS 2101R)

WMST498D Advanced Special Topics in Women's Studies: Black Feminist Thought; (3) REG/P-F/AUD.
0101 **(52439)** Dill, B.
TuTh 11:00am-12:15pm (JMZ 0202)

WMST498E Advanced Special Topics in Women's Studies: Women in Politics - Do They Make a Difference?; (3) REG. Also offered as BSOS 359G. Credit will be granted for only one of the following: WMST 498E or BSOS 359G.
0101 **(52449)** STAFF
Tu 6:00pm-8:40pm (TLF 1101)

WMST498F Advanced Special Topics in Women's Studies: Gender, Sexuality, and the Black Family; (3) REG/P-F/AUD.
0101 **(52459)** Chateauvert, M.
W 6:00pm-8:30pm (LEF 1222)

WMST498G Advanced Special Topics in Women's Studies: Virginia Woolf in Comparative Context; (3) REG/P-F/AUD.
0101 **(52469)** Fuegi, J.
Tu 1:00pm-4:00pm (HBK 0109)

WMST498I Advanced Special Topics in Women's Studies: Communication and Gender; (3) REG/P-F/AUD. DIVERSITY

0101 **(52479)** STAFF
MWF 9:00am-9:50am (PLS 1113)
0201 **(52480)** STAFF
MWF 10:00am-10:50am (PLS 1113)

WMST498J Advanced Special Topics in Women's Studies: Women and Gender in Japan; (3) REG/P-F/AUD.
0101 **(52490)** Mayo, M.
TuTh 2:00pm-3:15pm (KEY 0124)

WMST498K Advanced Special Topics in Women's Studies: Feminist Cultural Studies: Feminist Futures Across the Media; (3) REG/P-F/AUD.
0101 **(52500)** King, K.
W 3:00pm-5:30pm (WDS 0104)

WMST498L Advanced Special Topics in Women's Studies: Victorian Women in England, France, and the United States; (3) REG/P-F/AUD.
0101 **(52510)** Gullickson, G.
TuTh 11:00am-12:15pm (KEY 0116)

WMST498M Advanced Special Topics in Women's Studies: Images of Gender in Yiddish Literature over a Millenium; (3) REG/P-F/AUD.
0101 **(52520)** Isaacs, M.
TuTh 11:00am-12:15pm (JMZ 0125)

WMST498N Advanced Special Topics in Women's Studies: Gender Roles and Social Institutions; (3) REG/P-F/AUD.
0101 **(52530)** Forsythe, A.
MWF 10:00am-10:50am (ASY 3207)

WMST499 *(PermReq)* **Independent Study; (1-3)** REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

WMST601 Advanced Feminist Theory; (3) REG/AUD. *Prerequisite: WMST 400 or permission of department.*
0101 **(52549)** Moses, C.
Tu 6:30pm-9:00pm (WDS 2101R)

WMST618 *(PermReq)* **Feminist Pedagogy; (3)** REG. Prerequisite: permission of department.
0101 **(52559)** Beck, E.
Time and room to be arranged

WMST619 *(PermReq)* **Women's Studies Teaching Practicum; (1)** REG. Prerequisite: permission of department.
0101 **(52569)** Dill, B.
Time and room to be arranged

WMST698A Special Topics in Women's Studies: Transgressions and Taboo; (3) REG/AUD.
0101 **(52579)** Kauffman, L.
M 3:30pm-6:00pm (SQH 1111)

WMST699 *(PermReq)* **Independent Study; (1-3)** REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL Zoology
(Life Sciences)

All Undergraduate courses in the Biological Sciences are now listed in a single course listing under the heading BSCI. Please refer to that section. Only graduate courses are provided in the listing below.

ZOOL608A Zoology Seminar: Advanced Plant Ecology; (2) REG/AUD.
0101 **(52646)** Forseth, I.
Time and room to be arranged

ZOOL608E Zoology Seminar: Topics in Behavior, Evolution and Systematics; (1) REG/AUD.
0101 **(52656)** Via, S.
M 12:00pm-12:50pm (BPS 1208)

ZOOL608Q Zoology Seminar; (1-2) REG/AUD.
0101 **(52666)** Small, E.
Time and room to be arranged

ZOOL609 Special Problems in Zoology; (1-6) REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL652 Recombinant DNA; (3) REG/AUD. *Prerequisites: (BSCI 230 and BSCI 222) or permission of instructor.*
0101 **(52710)** Tanda, S.
TuTh 9:30am-10:45am (PLS 1140)

ZOOL701 Teaching Zoology; (1) S-F. *For LFSC graduate students only.*
0101 **(52720)** Dietz, J.
Time and room to be arranged

ZOOL708A Advanced Topics in Zoology: Cell Biology Lecture; (3) REG/AUD.
0101 **(52730)** Goode, M.
MWF 9:00am-9:50am (PLS 1140)
F 10:00am-10:50am (PLS 1176) Dis

ZOOL708B *(PermReq)* **Advanced Topics in Zoology: Principles of Animal Behavior; (3)** REG/AUD. Prerequisite: permission of instructor.
0101 **(52740)** Wilkinson, G.
MW 11:00am-11:50am (PLS 1140)
Time and room to be arranged Dis

ZOOL708L Advanced Topics in Zoology: Neurophysiology Lecture; (3) REG/AUD. Prerequisites: PHYS 122, CHEM 233, and BSCI 230.
0101 **(52750)** Carr, C.
TuTh 12:30pm-1:45pm (BPS 1250)

ZOOL708R Advanced Topics in Zoology: Ecosystem Ecology; (3) REG/AUD. Course will be taught on the Interactive Video Network.
0101 **(52760)** Costanza, R.
TuTh 1:30pm-3:00pm (SKN 0101)

ZOOL708U Advanced Topics in Zoology: Dynamic Modeling of Ecological and Economic Systems; (3) REG/AUD. Prerequisite: Calculus and a course in ecology and/or economics. Course will be taught on the Interactive Video Network.
0101 **(52770)** Costanza, R.
F 2:00pm-5:00pm (SKN 0101)

ZOOL799 Master's Thesis Research; (1-6) REG. Individual Instruction course: contact department or instructor to obtain section number.

ZOOL899 Doctoral Dissertation Research; (1-8) REG. Individual Instruction course: contact department or instructor to obtain section number.

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SCHEDULE WORKSHEET

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
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114 SUMMER TERM

UNIVERSITY OF MARYLAND

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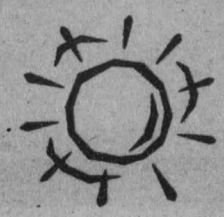
COLLEGE PARK



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If you couldn't register for everything you needed in Spring, you can count on these courses being offered in Summer '99. Please note, however, that **this is NOT a complete list of courses that will be offered in Summer '99.** Departments will be adding to this list and summer catalogs will be available in early March.

Check the complete Summer '99 course listing and times in January on the web at www.inform.umd.edu/summer

Session 1: June 1- July 9
Session 11: July 12 - August 20

AMST201	BMGT221	CMSC214	ENCE689	HLTH476	MUSC448
AMST203	BMGT230	CMSC251	ENCH215	JAPN101	MUSC699
AMST204	BMGT310	CMSC311	ENCH250	JAPN102	MUSC799
AMST386	BMGT311	CMSC330	ENCH437	JAPN201	MUSC899
AMST398	BMGT321	CMSC386	ENCH468	JAPN202	NRMT389
AMST418P	BMGT323	CMSC411	ENCH648	LATN120	NRMT489
AMST428B	BMGT340	CMSC420	ENES102	LATN220	PBIO100
AMST429E	BMGT343	CMSC451	ENES221	MAPL460	PBIO101
AMST698	BMGT350	CMSC460	ENME232	MATH001	PHIL100
ANSC386	BMGT357	CMSC498A	ENME320	MATH002	PHIL140
ANSC399	BMGT360	ECON200	ENME331	MATH110	PHIL170
ANSC660	BMGT364	ECON201	ENNU310	MATH111	PSYC100
ANSC699	BMGT370	ECON305	ENRE467	MATH113	PSYC200
ANSC799	BMGT372	ECON306	ENTM100	MATH115	SOCY100
ANSC899	BMGT380	ECON440	HESP305	MATH140	SOCY105
ART100	BMGT381	EDCI385	HESP311	MATH141	SOCY201
ART110	BMGT411	EDCI390	HESP386	MATH210	SOCY203
ART150	BMGT417	EDCI397	HESP400	MATH211	SOCY305
ART200	BMGT422	EDCI415	HESP402	MATH220	SOCY325
ART210	BMGT424	EDCI434	HESP403	MATH221	SOCY386
ART320	BMGT440	EDCI436	HESP407	MATH240	SOCY399
ART320B	BMGT443	EDCI443	HESP417	MATH241	SOCY441
ART333	BMGT447	EDHD498	HESP498A	MATH246	SPAN101
ART354	BMGT451	EDSP210	HESP499	MATH401	SPAN102
ART418	BMGT452	EDSP376	HESP635	MATH406	SPAN201
ART428	BMGT457	EDSP470	HESP639B	MATH410	SPAN301
ART428A	BMGT495	EDSP489	HESP648A	MATH411	SPAN311
ART438D	BMGT753	EDSP491	HESP648B	MATH461	STAT100
ART468B	CCJS100	EDSP499G	HESP649	MATH462	ZOOL201
ART498	CCJS230	EDSP600	HESP708	MATH463	ZOOL202
ARTH100	CHIN101	EDSP670	HESP728	MICB200	ZOOL211
ARTH200	CHIN102	EDSP798	HLTH106	MICB388R	
ARTH201	CHIN103	EDSP888	HLTH140	MICB399	
ARTH355	CHIN213	ENAE311	HLTH150	MUSC106	
BIOL103	CHIN499	ENAE423	HLTH285	MUSC130	
BIOL105M	CLAS170	ENAE499	HLTH377	MUSC140	
BIOL106	CLAS470	ENAE799	HLTH386	MUSC155	
BIOL222	CMSC107	ENAE899	HLTH391	MUSC210	
BMGT110	CMSC114	ENCE489	HLTH420	MUSC388	
BMGT220	CMSC150	ENCE688	HLTH471	MUSC389	

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ART200	BMGT422	EDCI415	HESP402	MATH220	SOCY325
ART210	BMGT424	EDCI434	HESP403	MATH221	SOCY386
ART320	BMGT440	EDCI436	HESP407	MATH240	SOCY399
ART320B	BMGT443	EDCI443	HESP417	MATH241	SOCY441
ART333	BMGT447	EDHD498	HESP498A	MATH246	SPAN101
ART354	BMGT451	EDSP210	HESP499	MATH401	SPAN102
ART418	BMGT452	EDSP376	HESP635	MATH406	SPAN201
ART428	BMGT457	EDSP470	HESP639B	MATH410	SPAN301
ART428A	BMGT495	EDSP489	HESP648A	MATH411	SPAN311
ART438D	BMGT753	EDSP491	HESP648B	MATH461	STAT100
ART468B	CCJS100	EDSP499G	HESP649	MATH462	ZOOL201
ART498	CCJS230	EDSP600	HESP708	MATH463	ZOOL202
ARTH100	CHIN101	EDSP670	HESP728	MICB200	ZOOL211
ARTH200	CHIN102	EDSP798	HLTH106	MICB388R	
ARTH201	CHIN103	EDSP888	HLTH140	MICB399	
ARTH355	CHIN213	ENAE311	HLTH150	MUSC106	
BIOL103	CHIN499	ENAE423	HLTH285	MUSC130	
BIOL105M	CLAS170	ENAE499	HLTH377	MUSC140	
BIOL106	CLAS470	ENAE799	HLTH386	MUSC155	
BIOL222	CMSC107	ENAE899	HLTH391	MUSC210	
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